

Lancaster Farming

VOL. 38 No. 8

Four Sections

Lancaster Farming, Saturday, January 2, 1993

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Beef Council Chair Announces New Year Promotions

Convenience Rather Than Diet, Health Issues Top Beef Consumer Demands

ANDY ANDREWS

Lancaster Farming Staff
NOTTINGHAM (Chester Co.)

— Some farmers may believe consumers are more worried about cholesterol than they are convenience. The chairman of the Pennsylvania Beef Council believes otherwise.

What drives purchases of beef and other food products isn't diet, health, or other issues, according to Dennis Byrne, but convenience.

Based upon a survey before the Council's planning session recently, results proved that consumers prefer convenience over cholesterol. "A lot of us got shocked," Byrne said. "The results of the survey showed that the consumer's number one preference for buying is convenience. Number two is variety. Number three became diet/health, and issues were way down there."

"Now, if you talk to farmers, they put issues and diet/health at the top, because issues are the ones they hear about, and it hits them. And we remember it."

Manages Herr Angus
Byrne, who manages Herr Angus Farm (owned and operated by the Herr Snack Food Products Company), said a classical exam-

ple of how issues really fare in the mind of consumers is Alar, a pesticide once used on apple crops. Apple producers know what Alar is, but the consumer may have for-

gotten. "You talk to a consumer, you'll be lucky to find 20 percent of them know what Alar is," he said.

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Farm Show Issue Next Week

(Early Deadlines Listed)

Next week *Lancaster Farming's* annual special Pennsylvania Farm Show issue is dedicated to everyone who makes this event successful. This week, for those who like to make plans early, you will find schedules, floor plans, and exhibitor locations on Pages A-29 and D2-5.

To prepare for the Farm Show late in the week, our office will have early deadlines. These deadlines are as follows:

Public Sale Ads — Noon, Mon., 1/4.

Mailbox Markets — Noon, Mon., 1/4.

General News — Noon, Wed., 1/6.

Classified Section C Ads — 5 p.m., Tue., 1/5.

All Other Classified Ads — 9 a.m., Wed. 1/6.

Reviewing the Old, Looking Forward To The New Year

LOU ANN GOOD

Lancaster Farming Staff
EPRHATA (Lancaster Co.)

The New Year is always a time to reflect on the past and a time to look forward to new challenges. With this in mind, we asked several of the people who we featured during the past year in *Lancaster Farming* to share the biggest changes they had faced in 1992 and tell us what they look forward to in 1993.

For Barbara Grumbine, Myerstown, the past year overflowed with changes. "But things ran smoothly," said Barbara, who lives in Washington D.C. during weekdays and returns to the farm to be with her husband and two sons for the weekends.

In February 1992, Barbara was appointed Northeast area director of the agricultural stabilization and conservation service of the USDA.

"There was so much to learn," Barbara said. Her day started at six a.m. It took about 25 minutes for her to walk 1 1/4 miles from her apartment to her job where she worked until 5:30 and sometimes 6:30 p.m.

Barbara almost always took home reading material. "It's always so much to learn. I could be there 50 years and not know it all. There are changes every day. Congress passes laws and our agency writes up ways to implement them and approve staff and changes."

(Turn to Page B2)

In an interview conducted at Herr Angus Farm (which used to be a seedstock farm of purebred Angus, but now is simply a beef finishing operation), Dennis Byrne spoke about the future drives and directives of the Pennsylvania

Beef Council. From left, Byrne, holding Sharon, 3 with wife Dottie. Not pictured are Adam, 7, and Becky, 9.

Photo by Andy Andrews.

Mifflin Extension Holds Annual Meeting

GAIL STROCK

Mifflin Co. Correspondent
LEWISTOWN (Mifflin County) — Leaders and friends of the Mifflin County Cooperative Extension Association gathered recently for their annual banquet-meeting held in the social hall of the Ellen Chapel Methodist Church.

President Marlin Aurand presided over the meeting that included comments from Extension

Director David Filson, Regional Director Mary Jo Depp, and the Dean of Penn State's College of Agricultural Sciences Dr. Larmartine Hood. The 1992 minutes were read by secretary Vivian Mowery, followed by the treasurer's report by John Czerniowski. Marion Barr and Elrose Glick presided over the election of officers.

Filson introduced the extension staff and secretaries, complimenting the cooperative effort of all. He awarded Marlin Aurand a certificate of appreciation for 14 years of service on the Extension Board as well as service at the state and regional levels.

Marion Barr, Jim Hostetter, John Tedeschi, Geraldine Van Art, Helen Sunderland, and Vivian Mowery received certificates

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Pa.DHIA Receives High Scores

STATE COLLEGE (Centre Co.) — The Pennsylvania Dairy Herd Improvement Association received outstanding scores recently on its annual quality certification evaluation by National DHIA.

The association again ranked extremely high in its laboratory operation with 99 out of 100 points. This evaluation makes it the foremost DHIA laboratory in the northeastern United States, and one of the highest ranking labs

in the entire country.

DHIA members and others using the PA DHIA lab in State College can rest assured that their test results are accurate whether the milk analysis is for fat, protein, solids-non-fat, or somatic cell.

Equipped with the latest technology in the milk analysis field, the lab has scored a perfect 100 percent on all National DHIA unknown (blind) sample analyses on all lab machines for the last five months. This perfect rolling ma-

chine average score is almost unheard of in the industry and ranks the PA DHIA lab far higher than most of the other labs in the country.

In field operations, the association also scored extremely well earning 111 out of 100 points needed for certification.

Seventy-five points are needed for certification. The additional points earned above 100 are bonus points earned for voluntarily ex-

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New Holland Hogs

Monday, Dec. 28, 1992

674 HEAD, MARKET STEADY TO 50 HIGHER.

RETAIL: 43.50-44.25.
WHOLESALE: US1-3 220-260 LBS. 42.50-43.25; US2-3 215-268 LBS. 40.50-42.50; LIGHTWEIGHT 35.50-40.50; HEAVYWEIGHT 34.00-39.00.
LIGHTWEIGHT SOWS: 30.00-31.75.
HEAVYWEIGHT SOWS: 32.00-33.25.
BOARS: 29.00-33.25.

St. Louis Cattle, Hogs

Tuesday, December 29, 1992

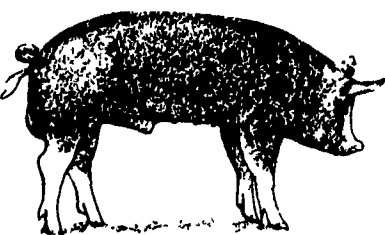
OPENING MIDSESSION CLOSE CATTLE & CALVES: 100 (100 SLTR, 0 FDRS) TRADING MODERATELY ACTIVE ON LIMITED RECEIPTS. AS COMPARED TO MONDAY, SLAUGHTER STEERS, HEIFERS, AND COWS FULLY STEADY. TOO FEW BULLS TO ESTABLISH A MARKET. SUPPLY MAINLY SLAUGHTER STEERS AND COWS.

SLAUGHTER CLASSES: STEERS: CHOICE 2-4 1025-1300 LBS 74.50-75.00 CHOICE 2-3 NO TEST SELECT & CHOICE 2-3 950-1200 LBS. 72.50-74.50 SELECT 2-3 900-1250 LBS. 70.50-72.50. HOLSTEINS: SELECT & CHOICE 2-3 NO TEST CHOICE 2-3.

SLAUGHTER HEIFERS: CHOICE 2-4 925-1200 LBS. 74.00-75.00 CHOICE 2-3 CHOICE 2 SELECT & CHOICE 2-3 850-1100 LBS. 71.00-74.00 SELECT 2-3 800-1100 LBS. 69.00-71.00.

SLAUGHTER COWS: CUTT, UTIL, COMM BULK SALES HI DRESS % LO DRESS % BREAKING 2-4 44.00-47.00 47.00-48.00 BONING 1-2 47.00-49.00 48.00-50.00 LOW TO AVG. CUTT 43.00-47.00.

SLAUGHTER BULLS: SCARCE DS AB 75.00-76.50 AC 75.50-77.00 AE 74.50-76.00 AF 75.00-76.00 AI 71.00-72.50 AJ 71.50-72.50 AP 62.00-65.00 AQ 64.00-66.00 AR 59.00-63.00 AS 61.00-65.00 BA 74.50-76.00 BB 75.00-77.00 BC 74.00-75.50 BD 74.50-75.50 BF 69.50-71.00 BG 70.00-71.00 BK 44.00-47.00 BL 45.00-48.00 BM 47.00-49.00 BN 44.00-50.00 BO 41.00-44.00 BP 59.00-62.00 BQ 61.00-64.00 BR 55.00-61.00.



New Holland Hog Auction

Lancaster, Pa.

Monday, December 28, 1992

Hog Receipts:

Today 674
Last Monday 916
Last Year 1023
TREND Compared to last Monday small supply barrows and gilts steady to 25 higher.
BARROWS AND GILTS: US 1-2 210-245 lb 42.00-43.25.
US 1 215-240 lb 43.75-44.00.
US 1-3 210-250 lb 40.25-41.75.

Indiana Hogs

Louisville, Kentucky

Tuesday, December 29, 1992

INDIANA DIRECT HOGS 51 BARROWS AND GILTS: 1.00 LOWER. DEMAND MODERATE.

COUNTRY: PLANTS: US 1-2 230-260 LBS. 38.50-39.50, 39.50-40.50, FEW TC 41.00. FEW 40.00-40.50. US 1-3 230-260 LBS. 37.00-39.50.

200-230 LBS. 35.50-38.00. SOWS: STEADY TO .50 LOWER, INSTANCE 1.00 LOWER.

US 1-3 300-500 LBS. 25.50-28.00, FEW 29.00, 500-650 LBS. 27.00-30.00.

INDIANA DIRECT RECEIPTS: MONDAY'S ACTUAL 31,000 TODAY'S ESTIMATE **25,600 TUESDAY WEEK AGO 24,200 TUESDAY YEAR AGO 20,000 WEEK TO DATE 56,600 SM PD WEEK AGO 49,500 SM PD YEAR AGO 49,700.

WEDNESDAY DECEMBER 23, 1992 ACTUAL RECEIPTS TOTALED 23,800. CARCASS BASIS HOG PRICES: MID-SOUTH DIRECT HOG TRADE HOT CAR- CASS VALUE INFORMATION REPORT STARTED JULY 06, 1992.

**RECEIPTS HAVE CHANGED DUE TO CHANGE IN REPORTING BASE.

State Graded Feeder Pig Sale

at Westminster

Livestock Auction

Dec. 18, 1992

771 PIGS, 2 WEEKS AGO 499. PRICES 3.00-5.00, SPOTS \$10 HIGHER.

GRADE 1 & 2: 40 HEAD, 31-37 LBS. 85.00-90.00, 22 HEAD 35-38 LBS. 71.00-76.00; 23 HEAD 43 LBS. 78.00; 122 HEAD, 40-49 LBS. 66.00-70.00; 144 HEAD, 50-57 LBS. 55.00-68.00; 133 HEAD, 62-68 LBS. 54.00-66.00; 216 HEAD, 71-79 LBS. 54.00-58.50.

GRADE 2: 17 HEAD 37-44 LBS. 66.00-67.00; 31 HEAD 57 LBS. 54.00. NEXT STATE GRADED SALE JAN. 15.

Kirkwood Hay Auction

Kirkwood, Pa.

Tuesday, Dec. 29, 1992

Report Supplied by Auction

56 LOADS OF HAY.
MIXED HAY: 1ST CUTTING 105.00-130.00.
TIMOTHY: 96.00-144.00.
ALFALFA: 1ST CUTTING 90.00-130.00; 2ND CUTTING 95.00-160.00; 3RD CUTTING 116.00-138.00; 4TH CUTTING 150.00-237.00.
CLOVER: SECOND CUTTING 110.00.
STUBBLE HAY: 100.00.
GRASS: 107.00-138.00.
WHEAT STRAW: 73.00-98.00.
CORN FODDER: 54.00.
WOOD BY PICKUP LOAD: 50.00-53.00.
TIME 11 A.M.

Belleville Hay

Wednesday, Dec. 23

Belleville, PA

Report Supplied by Auction

DAIRY COWS: 300.00 TO 1285.00 PER HEAD.
SHOATS: 9.00-44.00 PER HEAD.
BEEF COWS: 35.00-53.75 PER CWT.
BEEF BULLS: 53.00-53.85 PER CWT.
STEERS: 58.00-60.25 PER CWT.
LAMBS: 60.00-113.00 PER CWT.
HOGS: 38.00-42.50 PER CWT.
CALVES: 50.00-165.00 PER CWT.
EAR CORN: 55.00 PER CWT.
14 ALFALFA HAY: 61.50-122.50.
OATS: 1.40.
MIXED HAY: 45.00-127.50 PER TON.
CORN FODDER: 12.50 BALE.
10 STRAW: 55.00-90.00 PER TON.
GEES: 3.00-4.00 PER HD.
RABBITS: 1.00-6.25 PER HD.
TURKEYS: 7.00 PER HD.
DUCKS: 3.00-5.50 PER HD.
CHICKENS: 1.00-5.50 PER HD.
GUINEA PIGS: 1.00-1.75 PER HD.
WHITE BIRDS: 2.30-2.50 PER HD.
PHEASANTS: 9.00 PER HD.

Good's Hay

Leola, Pa.

Wed., Dec. 23, 1992

Report Supplied by Auction

TOTAL LOADS: 110.
MIXED HAY: 76.00-162.00.
ALFALFA: 70.00-150.00.
STRAW: 54.00-88.00.
TIMOTHY: 100.00-159.00.
CORN: 58.00-63.00.
GRASS: 69.00-120.00.
OATS: 2.20-2.65 BU.

Vintage Hay

Paradise, PA

Thurs., Dec. 24, 1992

Report Supplied by Auction

16 LOADS.
ALFALFA: 87.50-134.00.
MIXED HAY: 80.00-87.00.
GRASS HAY: 80.00-84.00.
WHEAT STRAW: 74.00-104.00.

Diffenbach Auction Center

New Holland, Pa.

Monday, December 28, 1992

Report Supplied by Auction

TOTAL LOADS: 104.
ALFALFA: 77.00-210.00.
MIXED HAY: 70.00-170.00.
TIMOTHY: 87.00-137.00.
ORCHARD GRASS: 75.00-107.00.
MEADOWGRASS: 90.00.
STRAW: 40.00-100.00.
EAR CORN: 57.00-70.00.
OATS: 1.70-2.25 BU.
This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10:00 a.m. Monday.

Leinbach's Hay

Shippensburg, PA

Dec. 26 and 29

Report Supplied by Auction

ALFALFA: GOOD 87.00-120.50.
MIXED HAY: 60.00-120.00.
TIMOTHY: 82.00-127.00.
CLOVER: 87.00.
BROME GRASS: 82.00-110.00.
ORCHARD GRASS: 75.00-100.00.
STRAW: 60.00-82.00.
EAR CORN: 59.00-60.00.
OATS: 1.50 BU.
MULCH: 52.00-56.00.
FIREWOOD: 30.00-55.00.
TOTAL: 61 LOADS.

North Jersey Market

Hackettstown, N.J.

Tuesday, Dec. 22, 1992

Hay-Straw & Grain Report

MIXED HAY: 1.90-2.50 BALE.
GRASS HAY: 1.50-2.30 BALE.
SHELLED CORN: 3.50-4.00 BAG.
OATS: 5.50-6.50 BAG.
STRAW: 1.20-2.10 BALE.
TOTAL: 22 LOTS.

Westminster Hay

Westminster, Md.

Tuesday, Dec. 29, 1992

Report Supplied by Auction

TOTAL LOADS: 76.
ALFALFA: 112.50, 1.50-3.10 BALE.
ALFALFA MIX: 1.55-2.75 BALE.
TIMOTHY: 115.00-117.50, 1.20-1.90 BALE.
TIMOTHY MIX: 117.00 TON, 1.35-2.30 BALE.
ORCHARD GRASS: 1.20-1.60 BALE.
GRASS HAY: 1.40-1.80 BALE.
CLOVER HAY: 2.05 BALE.
TIMOTHY ROUND BALES: 22.00 EACH.
GRASS ROUND BALES: 15.00-32.00 EACH.
EAR CORN: 42.50 LOAD.
STRAW: .70-1.30 BALE.
WOOD: 65.00-100.00 CORD.

Dewart Hay

Dewart, PA.

Monday, Dec. 28, 1992

Report Supplied by Auction
15 LOADS OF HAY, 35.00-100.00.
STRAW: 2 LOADS, 60.00-70.00.
WOOD: 9 LOADS, 39.00-75.00.
CORN: 2 LOADS, 41.00-47.00.

Keister's Hay

Middleburg, PA

Dec. 29, 1992

Report supplied by auction
33 LOADS OF HAY.
STRAW: 7.
EAR CORN: 6.
OATS: 2.
MISC.: 15.
TOTAL: 33.
ALFALFA: 85.00-100.00 TON.
MIXED HAY 50.00-110.00 TON.
TIMOTHY 75.00-110.00 TON.
STRAW: 50.00-75.00 TON.
NEW EAR CORN: 50.00-65.00 TON
OATS: 1.50-1.75 BU.
WOOD: 22.50-42.50 LOAD

Frederick Co. Hay

Buckeystown, Md.

Thursday, Dec. 24, 1992

Report Supplied by Auction
18 LOADS. WEATHER COLD AND WINDY; DEMAND GOOD.
ALFALFA: FAIR TO GOOD 135.00-145.00; DARK OR DUSTY 90.00-105.00.
TIMOTHY: FAIR TO GOOD 90.00-120.00, DARK 65.00-85.00.
GRASS HAY: 50.00-75.00.
STRAW: BRIGHT 62.50.
FIREWOOD: GOOD HARDWOOD 89.00-110.00 CORD.
SALE TO BE HELD DEC. 31, 12 NOON.

Regional Hay

December 28, 1992

Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA. (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW STEADY.

ALFALFA 90.00-120.00; MIXED HAY 75.00-120.00; TIMOTHY HAY 75.00-110.00, FEW REPORTED 135.00; STRAW 40.00-85.00; MULCH 20.00-45.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/24/92. PRICES PER TON: LOADS: 253 HAY, 59 STRAW, & 16 EAR CORN. ALFALFA 100.00-170.00; MIXED HAY 82.00-157.00; TIMOTHY HAY 100.00-160.00; STRAW 51.00-102.00; EAR CORN 57.00-68.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/24/92. PRICES PER TON: LOADS: 163 HAY, 34 STRAW & 9 EAR CORN. ALFALFA 90.00-125.00; MIXED HAY 71.00-122.00; TIMOTHY HAY 80.00-115.00; STRAW 55.00-90.00; EAR CORN 50.00-72.50.

Walter M. Dunlap and Sons offers all cattle feeders two marketing days - Give us a call for advice and marketing conditions.

MONDAYS OR WEDNESDAYS

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Consign Your Beef Cows
Mondays and Wednesdays

No Waiting to Unload - Good Weight Conditions

Next Feeder Cattle Sale
Friday, Jan. 8 - 11:00 A.M.

HOLIDAY SCHEDULE

Closed

New Year's Day Jan. 1 & Sat. Jan. 2

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Lancaster Stockyards

Tel. (717) 397-5136

An Old Line Commission Firm Keeping

Afloat With The Times



KIRKWOOD HAY AUCTION

Hay, Straw and Grain Auction

EVERY TUESDAY

11:00

Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford corner of Rt. 472 and Noble Road.

Lloyd H. Kreider,
Auctioneer
AU-000513L
No out of state checks

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Poultry Markets

Philadelphia Eggs

Tuesday, Dec. 29, 1992

Report Supplied by USDA

MARKET COMMENT: TRADE SEN-

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TIMENT REMAINED STEADY. DEMAND WAS GOOD. GRADED SUPPLIES WERE BARELY ADEQUATE TO ADEQUATE, WHILE UNGRADED SUPPLIES WERE ADEQUATE. HOLIDAY REDUCED GRADING SCHEDULES, LIMITED THE AVAILABILITY OF EXTRA GRADED EGGS. THE PENNSYLVANIA INVENTORY WAS 1 PERCENT ABOVE LAST MONDAY'S LEVEL. THE COMBINED DELAWARE AND MARYLAND INVENTORY WAS 19% ABOVE LAST WEEK. A EXTRA LARGE .72-.74, A LARGE .70-.72, A MEDIUM .65-.66.

Northeast Chicken Parts

Tuesday, December 29, 1992

Trucklot buying interest was fair for immediate needs, fairly good and improving for late week and early next week deliveries. Supplies of boneless skinless breasts were in close balance with trade needs. Buyer inquiries for larger volumes for next week went unfilled. Trading was reported at higher prices and the undertone was firm. Yellow skin line run breasts were available, offered at steady prices, and generally slow to clear. Legs and leg quarters were adequate for a fair and improving demand. Wings continued short of trade needs and prices trended higher.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M., 29-DEC-92 PRICES PAID PER POUND, ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES ITEM CURRENT NEGOTIATED TRADING BREAST BONELESS SKINLESS 185 BREAST - WITH RIBS 85-86 BREAST - LINE RUN 85 LEGS 33-34 LEG QUARTERS 22 THIGHS 28-29 DRUMSTICKS 26-27 WINGS 53-54 BACKS AND NECKS (STRIPPED) 10-12 LIVERS 40 GIZARDS (HEARTS) 45-50.

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

Weekly New York Egg Market Northeast Quotes

From Wed., Dec. 23 to Tues., Dec. 29

	WED.	THURS.	FRI.	MON.	TUES.
WHITE					
JUMBO	.79	.79	.79	.79	.79
EX. LARGE	.77	.77	.77	.77	.77
LARGE	.76	.76	.76	.76	.76
MEDIUM	.71	.71	.71	.71	.71
PULLETS	.65	.65	.65	.65	.65
OFF GRADE	.64	.64	.64	.64	.64
BROWN					
EXTRA LARGE	.92	.92	.92	.92	.92
LARGE	.88	.88	.88	.88	.88
MEDIUM	.69	.69	.69	.69	.69
OFF GRADE					
UNDERGRADES AND CHECKS	.23	.23	.23	.23	.23

BREAKING STOCKS: WED. 48-50 LBS. 36.00-38.00, 50 LBS. AND UP 38.00-39.00, UNCHANGED THRU TUES.

Eastern PA & NJ Poultry Report

Atlanta, Ga.

Tuesday, December 29, 1992

Prices were too few to report on heavy hens, however prices were generally trending lower on light type fowl. Offerings were irregular on heavies but fully sufficient on lights. Demand was moderately good but not aggressive. Hazardous weather and holiday schedules has caused some plants to curtail current week processing. Undertone about steady at prevailing price levels.

CENTS PER LB., GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

HEAVY TYPE (7 POUNDS AND UP) * AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

LIGHT TYPE AT FARM BUYER LOADING 4-5 CENTS/LB. MOSTLY 5 FOB PLANT TOO FEW TO REPORT.

* WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

New York Egg Market

Tuesday, December 29, 1992

Prices were unchanged. The trade sentiment was steady. Demand remained seasonally good. Supplies of graded eggs were tight to adequate, and ungraded eggs were available, but processing time was limited from the holidays. The New Jersey inventory was 8% below last Monday's level, and the New York inventory was 17% below last week.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE .74-.76, LARGE .71-.74, MEDIUM .66-.69.

Hackettstown Poultry & Egg

Hackettstown, N.J.

Tuesday, Dec. 22, 1992

Report Supplied by Auction

HEAVY FOWL .40-1.00.

MIXED FOWL .20-.90.

ROASTERS .70-.90.

BANTAMS .50-1.10.

BUNNIES EACH 4.25.

ROOSTERS .80-2.00.

GEESSE .25-.40.

TURKEYS .20-.40.

DUCKS .95-1.50.

RABBITS 1.20-1.65.

PIGEONS, BY LB. 2.40.

GUINEAS 1.90-2.20.

WHITE EGGS: EXTRA LARGE & JUMBO .51-1.02; LARGE .49-.70; MEDIUM .42-.63; SMALL .36.

BROWN EGGS: EXTRA LARGE & JUMBO .88-.98; LARGE .66-.86; MEDIUMS .62.

National Egg Market

Tuesday, December 29, 1992

NATIONAL EGG MARKET - AT A GLANCE: Prices were unchanged. The market tone was steady. Demand was moderate to good, mostly seasonally good and best where featured and where holiday restocking was active. Supplies of graded eggs were tight to generally adequate, and ungraded classes were available. Breaking stock supplies were more than adequate for the reduced schedules. Light type hen offerings were fully sufficient for the light to moderate demand, and the undertone

Heinsey's Poultry

Tuesday, December 22, 1992

Muscovy Ducks - Drakes 1.50 - 1.74.

Muscovy Ducks - Hens 1.50 - 1.58.

Pekin Ducks .50 - .62.

Red Fowl 4-4.5 .40 - .64, Red Fowl 5-6

.70 - 1.00.

Crossbred Fowl 5-9 .50 - .82.

Crossbred Roosters 4-7 .50 - 1.08,

Crossbred Roosters 7-11 .40 - 1.00.

Guinea Fowl 1.60 - 1.95.

Banty Roosters 4.00 - 6.00 ea.

Banty Hens 2.00 - 3.25 ea.

Leghorn Hens .20 - .32.

Silkie 2.00 - 4.25 ea.

Geese 9-14 .30 - .92.

Pigeons 1.25 - 1.60 ea.

White Pigeons 2.50 - 3.00 ea.

Rabbits 4-6 .90 - 1.30, Rabbits 7-11 .50 -

.86.

Bunnies .50 - 2.50 ea.

Guinea Pigs .50 - 1.75 ea.

Kid Goats 20.00 - 36.00 ea.

Doves 1.00 - 2.25 ea.

Chukars 2.50 - 3.00 ea.

Pullets 4-7 .40 - .62.

Total Coops Sold 538.

Delmarva Broiler/Fryer Market

Tuesday, December 29, 1992

Movement of ready-to-cook fryers was fair to mostly good. Supplies ranged balanced to well cleared, instances short of inquiry. Live supplies were moderate. Weights were mixed in a full range, but were desirable overall. Slaughter schedules were heavy. All plants plan to close Friday and some will work reduced schedules Thursday. Operations were also planned for Saturday. Less than trucklot asking prices were unchanged to 1 cent higher at 48 to 55 cents. Trade sentiment was fully steady to higher. In the parts complex, boneless skinless breasts and wings were in light supply. Other items were adequate to fully adequate.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT 12/29 12/25 12/22 12/18 2,201 Holiday Holiday 2,008 4.46.

*BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA. BRANDED U.S. GRADE A RANGE 46-56 WEIGHTED AVERAGE 48.63 NO. OF BOXES 9,253.

*7 of 9 plants reporting.

SUBSCRIPTION INFORMATION

Subscription Price:

\$19.00 per year; \$36.00 - 2 years

\$29.00 per year outside of:

PA, NJ, MD, DE, NY, OH, VA & WV

\$56.00 - 2 Years

Non-Refundable

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Phone Lititz (717) 626-1164 or Ephrata (717) 733-6397, Lancaster (717) 394-3047 FAX 717-733-6058

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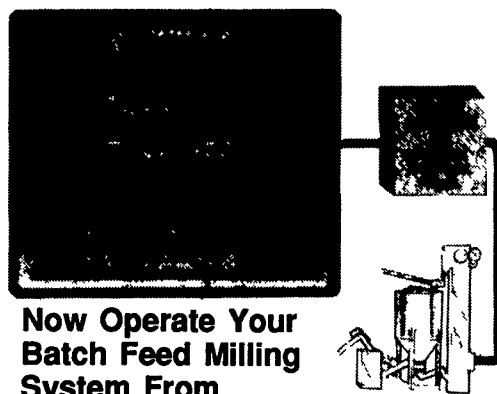
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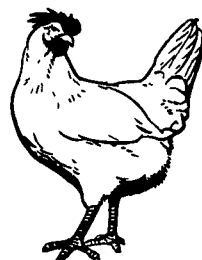
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SALE EVERY FRIDAY

11:00 A.M. - Beef
6:00 P.M. - Small Animal Sale

Office 717-733-2444
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WALTER H. RISSE, Proprietor

Pa. Grain

December 28, 1992

Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN STEADY TO .03 HIGHER; WHEAT STEADY TO .04 HIGHER, BARLEY UNEVEN, STEADY TO STRONG; OATS STEADY TO .02 HIGHER; NEW EAR CORN MOSTLY STEADY, SPOTS TO 1.00 HIGHER; SOYBEANS STEADY TO .06 HIGHER.

SOUTHEASTERN PENNSYLVANIA
CORN NO. 2-Y RANGE 2.15-2.60, AVERAGE 2.36; @WHEAT NO. 2 RANGE 3.35-3.75, AVERAGE 3.58, FEW REPORTED CONTRACT FOR HARVEST 2.93-3.17; BARLEY NO. 3 RANGE 1.75-2.00, AVERAGE 1.86; OATS NO. 2 RANGE 1.40-1.80, AVERAGE 1.63; SOYBEANS NO. 1 RANGE 5.20-5.70, AVERAGE 5.50; FEW REPORTED GR. SORGHUM #2 RANGE 2.10, AVERAGE 2.10; AVERAGE MOISTURE NEW EAR CORN RANGE 50.00-60.00, FEW REPORTED 70.00, AVERAGE 55.92.

SOUTH CENTRAL PENNSYLVANIA
CORN NO. 2-Y RANGE 2.00-2.35, AVERAGE 2.19; @WHEAT NO. 2 RANGE 3.00-3.60, AVERAGE 3.30; BARLEY NO. 3 RANGE 1.65-1.80, AVERAGE 1.68; OATS NO. 2 RANGE

1.25-1.50, AVERAGE 1.37; FEW REPORTED SOYBEANS NO. 1 RANGE 5.42-5.60, AVERAGE 5.54; FEW REPORTED NEW EAR CORN RANGE 45.00-57.00, AVERAGE 51.17.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY
CORN NO. 2-Y RANGE 2.15-2.60, AVERAGE 2.32; @WHEAT NO. 2 RANGE 3.00-3.75, AVERAGE 3.45; BARLEY NO. 3 RANGE 1.65-2.00, AVERAGE 1.77; OATS NO. 2 RANGE 1.25-1.80, AVERAGE 1.52; SOYBEANS NO. 1 RANGE 5.70-5.70, AVERAGE 5.46; AVERAGE MOISTURE NEW EAR CORN RANGE 50.00-60.00, AVERAGE 54.17.

CENTRAL PENNSYLVANIA
CORN NO. 2-Y RANGE 2.20-2.45, AVERAGE 2.34; @WHEAT NO. 2 RANGE 3.00-3.57, FEW REPORTED 3.75, AVERAGE 3.34; BARLEY NO. 3 RANGE 1.65-1.85, AVERAGE 1.71; OATS NO. 2 RANGE 1.40-1.60, AVERAGE 1.49; SOYBEANS NO. 1 RANGE 5.10-5.50, AVERAGE 5.37; FEW REPORTED NEW EAR CORN RANGE 50.00-60.00; AVERAGE 53.60.

WESTERN PENNSYLVANIA
CORN NO. 2-Y RANGE 2.10-2.60, FEW REPORTED 1.90, AVERAGE 2.29; @WHEAT NO. 2 RANGE 2.95-3.40, AVERAGE 3.27; BARLEY NO. 3 RANGE 1.60-1.73, AVERAGE 1.67; OATS NO. 2 RANGE 1.25-1.60, FEW REPORTED 1.93, AVERAGE 1.58; FEW

REPORTED SOYBEANS NO. 1 RANGE 4.97-5.35, AVERAGE 5.16; FEW REPORTED +BUCKWHEAT RANGE 8.00, AVERAGE 8.00.

MONTH AGO

CORN NO. 2 Y AVERAGE 2.20; @WHEAT NO. #2 3.41; BARLEY NO. 3 1.73; OATS NO. 2 1.47; SOYBEANS NO. 1 5.31; NEW EAR CORN 52.42.

YEAR AGO

CORN NO. 2 Y AVERAGE 2.86; @WHEAT NO. #2 3.76; BARLEY NO. 3 2.04; OATS NO. 2 1.65; SOYBEANS NO. 1 5.48; NEW EAR CORN 79.00.

National Grain Market

St. Joseph, Mo.

Tuesday, December 29, 1992

USDA DAILY NATIONAL GRAIN SUMMARY: Milder weather forecast, continued loan delinquencies with Russia, slowed export orders and year end balancing drove grain and soybean prices lower. WHEAT UNCHANGED TO 5 CENTS LOWER. CORN 1 TO 4 CENTS LOWER. SORGHUM 3 CENTS LOWER. SOYBEANS 3 TO 4 CENTS LOWER. WHEAT PRICES SLID LOWER, PRESURED BY IDEAS U.S. WINTER WHEAT CROP MADE IT THROUGH LAST WEEK'S COLD SPELL WITH LITTLE DAMAGE. FORECASTS FOR

WARMER TEMPERATURES THIS WEEK EASED FEARS OF WINTERKILL DAMAGE. CORN PRICES CONTINUE TO DECLINE IN SLOWED HOLIDAY TRADING AND SPILLOVER WEAKNESS IN WHEAT PRICES. CORN HARVEST REPORTED 96 PERCENT COMPLETE. YEAR END POSITIONING AND BOOK CLOSING FACTOR FOR LOWER SOYBEAN PRICES.

EXPORT NEWS: SRI LANKA BOUGHT 50,000 TONNES U.S. SPRING WHEAT UNDER EEP FOR JANUARY SHIPMENT. TAIWAN BOUGHT 54,000 TONNES U.S. NO. 2 YELLOW SOYBEANS FOR FEBRUARY.

DATE CHANGE YEAR AGO TRUCK BIDS: 12/29/92 12/28/92 12/31/91 WHEAT: KANSAS CITY 3.66-3.67 DN 3 4.18-4.21 MINNEAPOLIS TRUCK BID 3.78 DN 1 1/2 4.27-4.29 PORTLAND 4.19-4.21 NC 4.65-4.67 ST. LOUIS 3.67-3.70 DN 4-5 3.70-3.73.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.13-2.17 DN 1 2.50-2.53 MINNEAPOLIS 2.00 1/2 DN 1 3/4 NB SO. IOWA 2.0810-2.10 DN 2-4 2.41-2.45 OMAHA 1.95-1.97 DN 1-2 NA.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.63-5.64 DN 4 5.57-5.60 MINNEAPOLIS 5.42 3/4 DN 4 1/2 NB SO. IOWA 5.56-5.61 DN 4-3 1/2 5.47-5.50 C. ILL. PROCESSORS 5.64 3/4-5.75 3/4 DN 4 1/2 5.64-5.69.

*TRUCK BIDS FOR KANSAS CITY,

US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTH-EASTERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 3.44 DN 3 NA MINNEAPOLIS (MAR) WHEAT 3.33 DN 1 1/2 NA CHICAGO (MAR) WHEAT 3.49 1/4 DN 4 NA (MAR) CORN 2.17 1/2 DN 1 3/4 NA (JAN) SOYBEANS 5.67 3/4 DN 4 1/2 NA.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3.98-4.00 DN 2 4.54-4.55 NO. 2 SOFT RED WINTER WHEAT 3.91-3.92 DN 3-4 4.45 NO. 2 YELLOW CORN 2.33 1/2-2.34 1/2 UP 2 1/2-DN 1 1/2 2.72 NO. 2 YELLOW SORGHUM RAIL 4.28 DN 3 BARGE 4.28 DN 3 4.94-4.92 NO. 2 YELLOW SOYBEANS 5.95 3/4-5.96 DN 3 1/4 5.90.

New England Shell Eggs

Tuesday, December 29, 1992

NEW ENGLAND: Prices were unchanged. Trade sentiment was steady. Demand continued seasonally good. A retail special on large at 69 cents without restrictions provided a very good demand. Supplies of brown eggs were tight to adequate, and white eggs were adequate.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN RANGE JUMBO .78-.81, EXTRA LARGE .77-.80, LARGE .72-.75, MEDIUM .52-.55, SMALL .34-.37.

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE .96-.98, LARGE .91-.93, MEDIUM .71-.73.

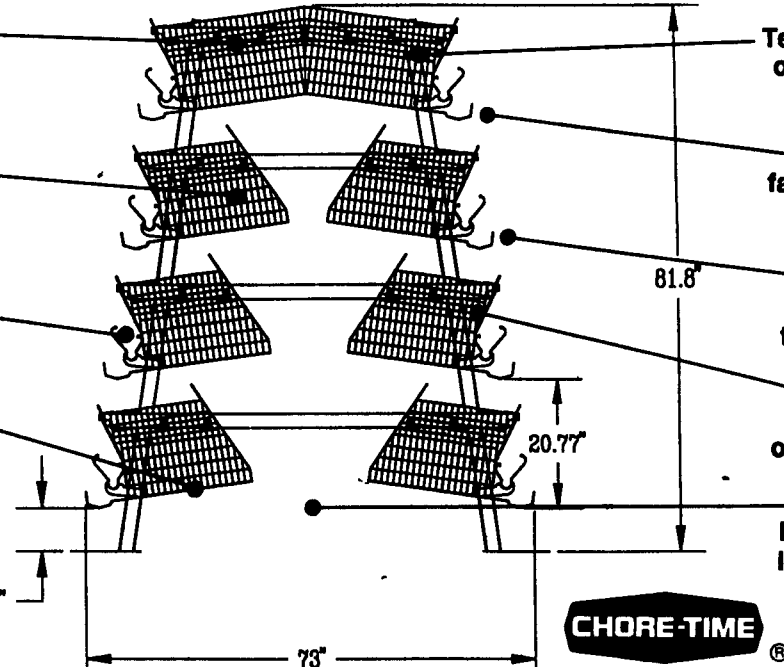
Remodel With Chore-Time Duratrim And Get More Birds, Better Performance, Higher Income And Lower Maintenance

You get more room in our top cage for extra birds

Note the extra wire in partitions, backs and tops for added strength

ULTRAFLO® goes 80 feet per minute and has a 5 year warranty

Special wire on cage floors is welded before being galvanized. This gives stronger welds and better coating, one more reason why Chore-Time outlasts other systems



Remodel with Chore-Time and you can have more birds, better performance and less maintenance. Chore-Time's 4 tier, 20 inch deep Duratrim is the same width as 3 tier dropping board systems and 4 tier reverse cages. Go from 60,000 birds to 80,000 birds.

ULTRAFLO® saves feed. Birds can't pick over feed while the feeder is running. When they eat the auger stops birds from piling feed and flinging feed. **WHY NOT CHECK OUT THE FACTS FOR YOURSELF?** Contact us now - or ask any producer who owns ULTRAFLO®

Chore-Time's Popular ULTRAFLO® Cage Feeding System Is Now Even More Outstanding!

We've developed and tested the second generation of ULTRAFLO® feeders and named it the ULTRAFLO® II.

ULTRAFLO® II offers you even greater reliability, durability, and outstanding feed-saving performance - up to 1 gram of feed per bird per day - over the original ULTRAFLO®. And even the original ULTRAFLO® was beating our competitors in feed savings!

So, join the cage feeding leader. Contact us today. Find out how Chore-Time and ULTRAFLO® II can help you be a leader, too!



EASY AUGER CONNECTOR.

Allows fast and simple installation, also quick and easy repair of auger if ever necessary. Auger and trough are both warranted 5 full years. Chain feeders are not.



New Shape
The difference is the shape of the feeder's trough (at right) ULTRAFLO® II's higher trough lip reduces feed waste by keeping it in the trough and not on the floor or in the pit.

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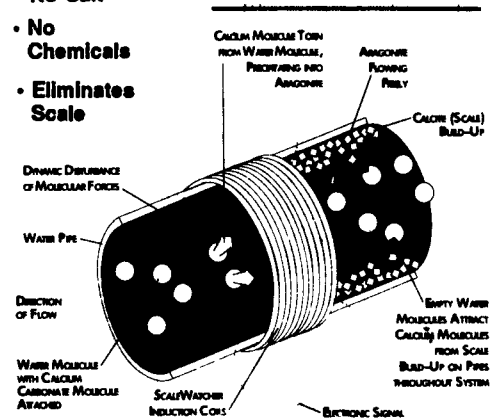


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- Eliminates Scale

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**Some markets,
which missed last
week's deadline, are
printed in this issue.**

Central U.S. Carlot

Pork Report
Dec. 29, 1992

Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M. COMPARED MONDAY'S 3:00 P.M. CLOSE: FRESH LOINS MOSTLY STEADY TO 7.00 HIGHER; BUTTS GENERALLY STEADY TO 4.00 LOWER; SKND. HAMS 17-20 LBS. 1.00 LOWER, 20-26 LBS. STEADY TO WEAK; SDLS. BELLIES 1.00 HIGHER, TRADING VERY SLOW, WITH LIGHT DEMAND AND LIGHT TO MODERATE OFFERINGS.

67.5 LOADS TRIM/PROCESS PORK CUTS
47.0 LOADS TRIM/PROCESS PORK CUTS

LOINS, REGULAR, FRESH 14-18 LBS. * 13.5 LOADS, RANGE 94.00-108.00, WGHTD. AVG. 101.37. % " TRIM 14-18 LBS., 13.5 LOADS, RANGE 114.00-127.00, WGHTD. AVG. 120.81. 18-22 LBS. .5 LBS. RANGE 96.00, WGHTD. AVG. 96.00. % " TRIM 18-22 LBS. .5 LBS. RANGE 118.00, WGHTD. AVG. 118.00, COMBOS 22/UP LBS. 1 LD. RANGE 73.00, WGHTD. AVG. 73.00.

LOIN, BLS CTRCT 5-7 LBS. 4.5 LOADS, RANGE 239.00-250.00,

WGHTD. AVG. 243.33, BONELESS SILOIN .75-1, 1 LOAD, RANGE 132.00, WGHTD. AVG. 132.00. TENDERLOIN 1.25 AND DOWN LBS., RANGE 358.00, WGHTD. AVG. 358.00 A PICNIC, FRESH (COMBOS) FOR SMOKER TRIM, RANGE 57.00, WGHTD. AVG. 57.00. BOSTON BUTT 4-8 LBS. 9.0 LOADS, RANGE 63.00-70.00, WGHTD. AVG. 66.44. % " TRIM 4-8 LBS., 9.0 LOADS, RANGE 81.00-91.00, WGHTD. AVG. 86.28.

SPARERIB, FRESH 8 LBS./UP 1.5-3.5 LBS., RANGE 97.00, WGHTD. AVG. 97.00 A. 3.5-5.5 LBS. RANGE 77.00, WGHTD. AVG. 77.00 A.

8/UP LBS. SPARERIBS FRSH 1.5-3.5 LBS., RANGE 97.00, WGHTD. AVG. 97.00 A. 3.5-5.5 LBS. FROZEN RANGE 77.00, WGHTD. AVG. 77.00.

HAM, SKINNED, SELECTED. FRESH 14-17 LBS. FRESH 17-20 LBS. 11.0 LOADS, RANGE 62.00, WGHTD. AVG. 62.00.

FRESH 20-26 LBS., 5.0 LOADS, RANGE 60.00-62.00, WGHTD. AVG. 60.40.

HAM, SKINNED, COMMODITY FRESH 14-17 LBS. FRESH 17-20 LBS. RANGE 59.00, WGHTD. AVG. 59.00 A. FRESH 20-26 LBS. 1 LOAD RANGE 59.00, WGHTD. AVG. 59.00.

FRESH 26-32 LBS. RANGE 56.50, WGHTD. AVG. 56.50 C. FRESH 32 LBS/UP RANGE 52.00, WGHTD. AVG. 52.00 A.

BELLY, SDLS, SKIN-ON, FRESH FRESH 10-12 LBS., RANGE 23.50-26.00, WGHTD. AVG. 24.75 C. FRESH 12-14 LBS. 4 LOADS, RANGE 27.50-30.00, WGHTD. AVG. 28.75.

FRESH 14-18 LBS. 6 LOADS, RANGE 27.50-30.00, WGHTD. AVG. 28.67. FRESH 16-18 LBS., 7.0 LOADS, RANGE 27.00, WGHTD. AVG. 27.00.

FRESH 18-20 LBS. 3 LOADS, RANGE

23.00-24.00, WGHTD. AVG. 23.33. FRESH 20-25 LBS. 1 LOAD, RANGE 20.00, WGHTD. AVG. 20.00. PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN) COMBO 42% FRESH 3.5 LOADS, RANGE 15.00, WGHTD. AVG. 15.00. BOXED 42% FROZEN, RANGE 19.00, WGHTD. AVG. 19.00 A. COMBO 72% FRESH 24.5 LBS. RANGE 41.00-42.00, WGHTD. AVG. 41.96.

BOXED 72% FROZEN 5 LOADS RANGE 48.00, WGHTD. AVG. 48.00. BONELESS PICNIC MEAT

COMBO 72% FRESH 6 LOADS, RANGE 48.00-50.00, WGHTD. AVG. 48.33.

BOXED 72% FROZEN 3 LOADS, RANGE 56.00, WGHTD. AVG. 56.00. SHANK MEAT FROZEN RANGE 64.00, WGHTD. AVG. 64.00 D.

SKINNED JOWLS COMBO FRESH 2 LOADS, RANGE 14.00, WGHTD. AVG. 14.00. BOXED FROZEN 3 LOADS, RANGE 17.00-19.00, WGHTD. AVG. 17.67.

NOTE! (*) REFLECTS % " TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOFF TUES., DEC. 29

ESTIMATED GROSS CUTOFF VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES. TUESDAY'S CARCASS GRADES & PRICES PER CWT.:

US #1 59.00, CHANGE FROM TUE.'S

Lancaster Farming, Saturday, January 2, 1993-A7

Friend's Stockyard Inc.

Accident, Md. 21520

Dec. 28, 1992

STOCK BULLS AND STEERS (200-500 LBS.) 75.00-85.00.

STOCK HEIFERS 55.00-77.00. SLAUGHTER STEERS GOOD TO CHOICE 73.00-77.75; MEDIUM TO GOOD 65.00-72.50; HEAVY CHOICE OVER 1450 LBS. 67.00-73.00.

HOLSTEIN STEERS HEAVY 58.50-64.00; LIGHT 45.00-56.00. SLAUGHTER HEIFERS GOOD TO CHOICE 72.00-75.00; MEDIUM TO GOOD 65.00-71.50.

BULLS HEAVY 54.00-63.75; LIGHT 46.00-57.00.

COWS FEW HIGH DRESSING 47.00-52.50; UTILITY HOLSTEIN 44.50-50.00, CANNERS 41.00-47.50, COMMERCIAL TO GOOD 40.00-45.50, CULL COWS 40.00 AND DOWN.

VEALS GOOD TO CHOICE 72.00-84.00, MEDIUM TO GOOD 50.00-70.00.

BOB CALVES 40.00 AND DOWN. HOLSTEIN BULL CALVES, RETURN TO FARM (90-120 LBS.) 145.00-180.00.

HOLSTEIN HEIFER CALVES, RETURN TO FARM (100-120 LBS.) 120.00-199.00.

BEEF X CALVES, RETURN TO FARM, UP TO 185.00.

HOGS: TOP QUALITY 41.00-42.25, HEAVY 40.50-41.40, LIGHT 35.00-40.00.

SOWS 28.00-32.50. MALE HOGS: 24.00-31.00.

LAMBS: 65.00-70.00. SHEEP: 12.00-24.00.

LIVESTOCK PRICES ARE ALL GIVEN PER HUNDREDWEIGHT!



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PALEY BROS., INC.

DEALER IN

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No Sunday Calls.

NEW HOLLAND SALES STABLES INC. THE ACTION AUCTION

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER

HOGS

EARLY BIRD HOG SALE
7:30 A.M.

Sell Your Hogs At New Holland Sales Stables, Inc.
See them weighed, sold and pickup your check.



10:00 A.M.
HORSES
MULES



1:30 P.M.
BEEF SALE
SHEEP
GOATS
CALVES



THURSDAY

Beef Auction 10:00 A.M.



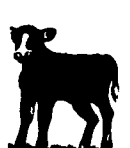
BULLS, STEERS,
BEEF COWS



1:00 P.M.
STOCKERS & FEEDERS



11:30 A.M.
SHEEP
GOATS
CALVES



WEDNESDAY

HEIFER SALE 11:00 A.M.
COW SALE 12:00 NOON

HEIFERS
BULLS



DAIRY
COWS

We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular
shippers. Also some local fresh cows and springers.

1:30 P.M.
FEEDER PIG SALE



Pigs are accepted after 8:30 A.M. State graded from 8 to 12.
Dairy Barn and Feeder Pig Barn are cleaned and disinfected
weekly for your protection.

NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster Off Route 23, New Holland, Penna.

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Roger Floyd - 717-354-4341

FAX #717-355-0706

Order Buyer

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- No Gear Boxes
- No Drive Belts
- Requires 65 H.P. & Up
- Unbelievable Low Price



- Up to 2" Brush
- Leaves Paper
- Cardboard
- Wet Material
- Bark/Mulch

- No Screens
- Round or Square Hay Bales
- Ear Corn
- Wood Chips

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(Wholesale Distributors)
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PARADISE
TOBACCO SALES

Merry Christmas
&
Happy New Year

Next Sale Jan. 4 '93
10 AM

Receiving dates for that sale
Dec. 28 thru Dec. 30 7 am to 2 pm

PARADISE TOBACCO
SALES

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JANUARY 4-10, 1993

FULL WOLF MOON, JAN. 8.

HANDSEL MONDAY

According to old Scottish custom, the first Monday of the new year was the time to give children and servants a small gift. Literally, something given into the hands of someone else, the gift itself was less important than the good luck it betokened. The handsel was popular as a New Year's gift from the fourteenth century to the nineteenth century, but it had a broader application as a gift given to mark any new situation not just the new year. The handsel continues today in the tradition of presenting a housewarming gift to bring good luck into the new home.



The gift bringer always finds an open door.

TIP OF THE WEEK

You can easily remove the wax drips from your candlesticks if you put them in the freezer overnight.

EARTHWISE

Winter is a good time for indoor crafts. If your project involves using glue, here are some safety tips. Try using hot vinegar to remove old glue. It will often soften the glue so it can be scraped off. Carpenter's glue and water-based white glue are the safest to use. Many others contain toxins that are very harmful to the environment. If you must use nonwater-based glues, use a small fan to blow the fumes out a partially open window, otherwise they can become highly concentrated inside your house in a very short time.

CHICKEN CASSEROLE

- 2 10-ounce packages frozen broccoli
- 3 cups cooked chicken
- 2 cans cream of chicken soup
- 1 cup light mayonnaise
- 1 teaspoon lemon juice
- 1/2 teaspoon curry powder
- 8 ounces cheddar cheese, shredded
- 1 tablespoon melted butter
- 1/2 cup soft bread crumbs

Cook broccoli until tender and arrange in greased 3-quart casserole. Place chicken on top of broccoli. Combine next 4 ingredients and pour over the chicken. Sprinkle on the cheese. Combine butter and crumbs and sprinkle on top. Bake at 350° F for 25 to 30 minutes.

Makes 6 to 8 servings.

The OLD FARMER'S WEATHER FORECAST



NORTHEAST:

Clear and cold flurries milder with light rain, seasonable and snowy, mild and clearing south

SOUTHEAST:

Cold showers and warmer west, seasonable and rainy, warm coast, cold and snowy west

MIDWEST:

Snow, heavy rain, and freezing rain, clearing and milder, very cold north and east

NORTHWEST:

Cold and snowy coast, clear and mild, then snow mountains; clear and very cold

SOUTHWEST:

Clear and mild, rain changing to snow, clearing, colder, hard frost desert

Estimated Daily Livestock Slaughter

Under Federal Inspection

Dec. 29, 1992

	CATTLE	CALVES	HOGS	SHEEP
TUESDAY (EST)	124,000	4,000	365,000	22,000
WEEK AGO (EST)	123,000	5,000	362,000	22,000
YEAR AGO (ACT)	103,000	7,000	307,000	23,000
WEEK TO DATE (EST)	242,000	9,000	707,000	41,000
SAME PD LT WK (EST)	246,000	10,000	707,000	44,000
SAME PD LT YR (ACT)	223,000	12,000	650,000	42,000

PREVIOUS DAY ESTIMATED TUESDAY STEER AND HEIFER 92,000; COW & BULL 26,000.

**REVISION MONDAY HOG SLAUGHTER... 342,000

Morrison Cove

Livestock

Martinsburg, Pa.

Dec. 28, 1992

Report supplied by auction

CATTLE 173. STEERS CHOICE 76.50-79.10; GOOD 70.75-74.75.

HEIFERS: CHOICE 76.00-79.00; GOOD 65.50-72.50.

COWS: UTILITY & COMMERCIAL 44.00-51.00; CANNER & LOW CUTTER 36.50-49.50.

BULLOCKS: GOOD & CHOICE 61.00-66.00.

BULLS: YIELD GRADE NO. 1 55.00-62.00.

FEEDER CATTLE: STEERS 70.00-82.00; BULLS 63.00-75.00; HEIF-

ERS 55.00-67.00.

CALVES 306. PRIME, NO MKT. TEST; CHOICE 90.00-95.00; GOOD, 65.00-85.00; STANDARD 25.00-52.00; HOLSTEIN BULLS 90-130 LBS. 125.00-156.00; HOLSTEIN HEIFERS 90-130 LBS. 120.00-155.00.

HOGS: 123. US NO. 1-2 41.50-42.75; US NO. 1-3 40.00-41.25.

SOWS: US NO. 1-3 27.00-33.75.

BOARS 27.00-30.50.

FEEDER PIGS: 21 HEAD.

SHEEP: 17 HEAD. CHOICE

70.00-110.00; GOOD 55.00-69.00;

SLAUGHTER EWES 23.00-34.00.

GOATS: 27.00-71.00.

24 LOADS OF HAY. ALFALFA

92.00-121.00; TIMOTHY: 78.00-97.00; 8

LOADS OF STRAW, 61.00-89.00.

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24 Meadow Lane, PO Box 192
Paradise, PA 17562

New Holland Horses

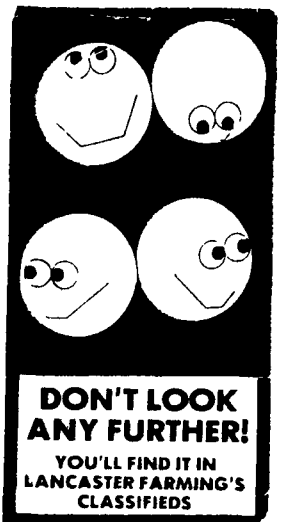
New Holland Sales Stables

New Holland, PA

Monday, Dec. 28, 1992

Report Supplied By Auction

175 HEAD. MARKET STRONGER.
DRIVING HORSES 675.00-875.00.
RIDING HORSES 575.00-885.00.
KILLERS LIGHTWEIGHT
510.00-665.00; HEAVYWEIGHT
710.00-880.00, THIN 210.00-385.00.
PONY MARES 115.00-260.00.
PONY COLTS 45.00-95.00.
GELDINGS 115.00-260.00.
LARGER PONIES: 325.00-410.00.
WORK HORSES 850.00-1000.00.



- Market Hogs
- Sows • Boars
- Cull Pigs

NOW RECEIVING:
Mon. 6:30-11 a.m.
Sat. 6:30-10 a.m.

All market hogs received at
receiving station must be
scheduled one week in advance



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Purina Mills

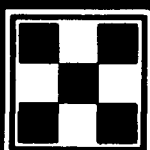


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Middletown, DE
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ASS'T. PARTSMAN - KEVIN THRUSH

PARTSMAN - ROY WEAVER

PARTSMAN - JOHN STONER

PARTSMAN - AL YODER

ROAD SALESMAN - KENNETH BEILER

ROAD SALESMAN - CARL HERSHEY

PARTSMAN - BRAD HERSHEY

PARTSMAN - RAY SHISSLER

PARTSMAN - DICK SKETHWAY

PARTSMAN - BRIAN HORST

PARTSMAN - ROBERT GROFF

PARTSMAN - EARL WALKER

PARTSMAN - ROBERT BOOK

STOCKMEN - JOHN YODER, LLOYD GROFF, SANFORD HERSHEY

HOOBER EQUIPMENT INC.:

PARTS MANAGER - MIKE NULL

ROAD SALESMAN - MARK LOCKWOOD

ROAD SALESMAN - SAM NULL

PARTSMAN - SALLY AIKEN

PARTSMAN - ALLEN RHODES

PARTSMAN - STEVE HANIFEE

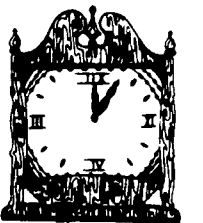
PARTSMAN - LARRY MOORE

PARTSMAN - DAVE NEUGEBAUER

PARTSMAN - TOM FALSON

STOCKMAN - LEE HURLOCK

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We Look
Forward To
Serving Your
Parts Needs
In 1993!*

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Case

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UPS Station

Virginia Cattle & Hogs

Northern Virginia Lynchburg, Va.

Monday, December 28, 1992

SLAUGHTER CATTLE 92 HEAD.
SLAUGHTER COWS 78 HEAD
COWS CUTTER & BONING UT. 1-3
43.00-48.00 BREAKING UT. & COMM.
2-4 44.50-50.00 CANNER AND LOW
CUTTER 1-2 37.50-41.75.

SLAUGHTER BULLS 14 HEAD
BULLS Y.G. 1-2, 1300-1600 LB. 57.50-
63.25 Y.G. 1-2, 1600 LBS. & OVER 58.75
-63.00.

FEEDER CATTLE 200 HEAD
STEERS MEDIUM 1 LARGE 1 SMALL
1 MED & LARGE 2 300-400 92.50-94.00
92.50-94.00-87.50-92.00 400-500 ---
76.50-82.00 500-600 79.75-89.00 79.75-
89.00 --- 600-700 75.25-84.75 75.25-
84.75.

HEIFERS MEDIUM 1 LARGE 1
SMALL 1 MED & LARGE 2 300-400 ---
68.50-69.00 73.50-82.50 400-500 74.00-
76.50 74.00-76.50 70.25-72.00 69.00-

73.00 500-600 74.50-78.25 74.50-78.25
65.00-67.50 66.50-74.50.

Hollins-Roanoke, Va.

Monday, December 28, 1992

SLAUGHTER CATTLE 88 HEAD.
SLAUGHTER COWS 85 HEAD
COWS CUTTER & BONING UT. 1-3
41.00-47.00 BREAKING UT. & COMM.
2-4 41.50-46.50 CANNER AND LOW
CUTTER 1-2 39.50-42.00.

SLAUGHTER BULLS 3 HEAD
BULLS Y.G. 1-2, 1300-1600 LB. 56.75-
60.00.

FEEDER CATTLE 130 HEAD
STEERS MEDIUM 1 LARGE 1 SMALL
1 MED & LARGE 2 300-400-87.50 75.50
74.50-82.00 400-500 82.50 --- 75.50
500-600 79.00-87.00 --- 76.50-83.00
600-700 --- 72.50-80.00.

HEIFERS MEDIUM 1 LARGE 1
SMALL 1 MED & LARGE 2 300-400 ---
70.00 67.00-73.00 400-500 74.00-82.50-
67.50-74.00 66.00-67.00 500-600 71.00-
77.00-64.00-65.00-600-700 --- 71.50.
BULLS MEDIUM 1 500-600 72.00-

76.50.
BABY CALVES RETURNED TO
FARMS 40 HEAD NEWBORN TO 4 WK
OLD \$77.50-110.00 PER HEAD.
Winchester, Va.
NO REPORT THIS WEEK.

Some markets,
which missed last
week's deadline, are
printed in this issue.

Leinbach's Shippensburg Produce Auction (717)532-5511

Shippensburg, PA
Average Prices Of #1 Produce
Dec. 26 and 29

Open 11 a.m. Tues. and Sat. only
Report Supplied by Auction

APPLES: 1.50-4.50 1/2 BU.
CABBAGE: 2.50-4.00 50 LBS.
SWEET POTATOES: 3.00-4.00 1/2 BU.
POTATOES: 2.75-4.25 50 LB.,
1.25-1.65 20 LBS.
ORANGES: 5.00-9.50 BOX.
GRAPEFRUITS: 5.00-7.50 BOX.

Philadelphia Fruit Market

Philadelphia, Pa.

Tuesday, December 29, 1992

CITRUS FRUITS ---GRAPEFRUIT:
MARKET ABOUT STEADY 4/5 buctns
FL Indian River Red 27s 10.00 40s 7.00
Red 36s 4.50-5.00 40s 4.50-5.00 8 5-lb
flmbgs FL Red 40 sz 12.00 ---LEMONS:
MARKET STEADY ctns AZ 140s fr qual
12.00 165s 11.00-12.00 200s 11.00-12.00
CA 165s 16.00 200s 14.00 ---LIMES:
MARKET HIGHER 10 lb ctns MX 48s
7.50-8.00 mostly 7.50 54s 7.50-8.00 mostly
7.50 63s 7.50 ---MISC CITRUS: 10 lb
ctns FL Kumquats 15.00 ---ORANGES:
MARKET ABOUT STEADY ctns CA
Navel 56s 13.50 72s 12.00 88s 11.50-12.00
fr qual 10.50 113s 10.50 fr qual 9.50 138s
10.00 fr qual 9.50 4/5 buctns FL Navel 36s
6.50-7.00 40s 6.50-7.50 mostly 7.00 48s
6.00-8.00 56s 6.50-7.50 mostly 7.00 64s
6.00-8.00 mostly 7.00-7.50 80s 6.00-7.00
mostly 6.50-7.00 Hamlins 80s 8.00 100s
7.00 125s 6.00 ---TANGELOS: TOO FEW
SALES TO QUOTE ---TANGERINES:
MARKET ABOUT STEADY 4/5 buctns
FL Dancy 80s 18.00 100s 20.00 Sunburst
100s 18.00 120s 20.00 150s 17.00-18.00
180s 16.00-17.00 1/2 bu ctns CA Fairchild
lge 7.00-8.00 med with stems & leafs
7.00-8.00 ---TEMPLES: 4/5 buctns FL 80s
10.00-11.00 100s 8.00-9.00 125s 7.00-9.00

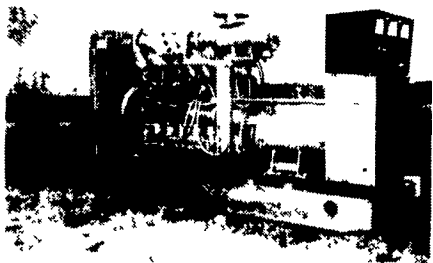
BERRIES ---BLUEBERRIES: flts 12 6-oz
flmwrpd cups NZ med 24.00 lge 24.00 ---
CRANBERRIES: OFFERINGS INSUFFI-
CIENT TO QUOTE ---MISC BERRIES:
flts 12 6-oz flmwrpd cups CL Blackberries
18.00 Gooseberries 18.00 Red Currants
18.00 Black Currants 18.00 GU Blackber-
ries fr cond 12.00-14.00 ---
RASPBERRIES: flts 12 6-oz cups
flmwrpd CL Red 24.00 ---
STRAWBERRIES: MARKET LOWER
flts 12 1-pt bks FL med 12.00-14.00 most-
ly 12.00-13.00 fair cond 10.00.

MELONS ---CANTALOUPS: LIGHT
1/2 ctns DR 12s 24.00 GU 23s 22.00 ---
HONEYDEWS: MARKET LOWER 2/3
ctns EC 6s 22.00-23.00 mostly 23.00 8s
20.00 9s 15.00 PR 5s 22.00 6s 22.00 8s
18.00 ---MISC MELONS: OFFERINGS

INSUFFICIENT TO QUOTE ---
WATERMELONS: ctns MX Jubilee 3s
20.00.

NON-CITRUS FRUITS ---APPLES:
MARKET ABOUT STEADY NEW
CROP ctns trypk CA U.S. ExFcy Granny
Smith 88s 17.00 113s 12.00 125s 12.00 PA
U.S. Fcy Red Delicious 100s 10.00 WA
WABx Fcy Red Delicious 88s 19.00 one
label 25.00 100s few 16.00-17.00 Golden
Delicious 80s 18.50 88s 16.00-17.00 pre-
ferred labels 18.50-19.00 100s 16.00 Gran-
ny Smith 100s 15.00 U.S. ExFcy Red Deli-
cious 72s 14.00-16.00 80s 14.00 88s
14.00-16.00 100s 14.00-16.00 113s 14.00
125s 14.00 138s 14.00 ctns 12 3-lb flmbgs
WA WABx Fcy Red Delicious 2 1/4" up
14.00 ---APRICOTS: OFFERINGS
INSUFFICIENT TO QUOTE ---
AVOCADOS: MARKET STEADY ctns 2
lyr CA Hass 48s 19.00-20.00 fr qual 16.00
---BANANAS: ctns IMPORT 9.75 fr qual
7.00-8.00 flm wrpd 10.00 ctns institutional
pk IMPORT petite 12.00 ---CHERRIES:
TOO FEW SALES TO QUOTE ---
FRUITS OTHER: ctns 1 lyr FL Carambola
- Star Fruit 25s 18.00-20.00 30s
18.00-20.00 ---GRAPES: MARKET
STEADY 20-21 lb lugs bgd CA Thompson
Seedless ord cond 3 000-5.00 18 lb lugs
wrpd CL Perlette 22 00-24.00 Thompson
Seedless 26.00-30.00 Flame Seedless
22.00-26.00 mostly 22 00-24.00 few 21.00
16 lb lugs wrpd CA Thompson Seedless
ord cond 6.00-8.00 ---KIWIFRUIT:
MARKET LOWER flts 1 lyr CA 33s 6 00
36s 6 00 39s 6 00-6.50 42s 6 00 ---
MANGOES: TOO FEW SALES TO
QUOTE ---NECTARINES: OFFERINGS
INSUFFICIENT TO QUOTE ---
PAPAYA: 10 lb ctns HI AIR 11s 12.00 JM
AIR 12s fr cond 7.00-8.00 ---PEACHES:
TOO FEW SALES TO QUOTE ---
PEARS: MARKET STEADY 4/5 buctns
WA U.S. One D'Anjou 70s 22.00 80s
22.00 90s 22.00 100s 21.00 Bosc 90s 23.00
100s 22.00 110s 21.00 120s 19.00 ---
PERSIMMONS: CA Hachiya 20s
9.00-10.00 ---PINEAPPLES: ctns HI AIR
6s 12.00 ---PLUMS: OFFERINGS LIGHT
ctns 2-lyr CL Red Beaut 88s fr cond
9.00-10.00 108s fr cond 5.00 ---
POMEGRANATES: OFFERINGS NONE
---PRUNES: OFFERINGS NONE.

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OPINION

A Look To The New Year

We come to the end of a year again. The "old" year, 1992, is past and the "new" year is before us.

As we reflect on the past and make resolutions for the future, we must make some personal adjustments. The key to these adjustments comes from our willingness to say good-bye to some things we cannot keep. Farming is such a roller coaster. The markets go up and down. The children get sick. The excellent cow dies. Or the barn burns.

The key question: when everything else fails, what holds you up? Do we have an inner resolve that carries us through?

A lot in life is not fair. Many occurrences are out of our control. But we must let some things go with the old year, the income you should have had or the cow that should have settled, or the children who left home—we need to say good-bye to the things we cannot keep.

The unkind word someone said to you or about you or the angry exchange you gave to someone else, these must go, too.

If we can't say good-bye, we will not have energy to spend on new and exciting possibilities that come to us with each new page of the 1993 calendar.

So, when we ring the new year next Tuesday night, let's forget the things of the past we cannot change and cannot keep and move on to creative ways to do better in the new year.

This will insure that our wish for you will come true—our wish for a "Happy New Year To All!"

Farm Calendar

Saturday, January 2

Sunday, January 3

Monday, January 4

Water Rights, Water Law, and Irrigation Management meeting, Lancaster Farm and Home Center, 8:30 a.m.-1 p.m.
To Will Or Not To Will, Tulpehocken Young Farmers, High School Library.

Tuesday, January 5

Northwestern Pa. Forage Schools, Log Cabin Restaurant, Waterford, thru Jan. 6.

Wednesday, January 6

Farm/Municipal Composting Field Days, Preston Boop's Briar Patch Farm, Mifflinburg, 10 a.m.-2:30 p.m.

Dairy MAP-Managing For Success, Family Time Restaurant, York, 10 a.m.-3 p.m., repeats Jan. 20.

Franklin County Dairy Day, Kauffman's Community Center, 9 a.m.-2:30 p.m.

Thursday, January 7

Regional tomato growers meeting, Thompson's Dairy Bar, Lackawanna County, 9:30 a.m.-3:30 p.m.

Farm Financial Management Workshop, Mahantongo Fire Company Hall, Pitman, 7 p.m.-9 p.m.

Friday, January 8

Northumberland County Winter Conference, Otterbein United Methodist Church, Sunbury, 10 a.m.-3:15 p.m.

Raleigh DHIA Records Workshop, Bart Fire Hall, Gettysburg, 12:30 p.m.-2:30 p.m.

Saturday, January 9

Pa. State Farm Show, Harrisburg, thru January 14.

Leader's Conference, Ligonore United Methodist Church, Unionville, Md., 10 a.m.-3 p.m.
Baby Lamb Survival Conference, Dept. of Ag, Rt. 92, Tunkhannock, 9:30 a.m.-noon.

Sunday, January 10

Monday, January 11

Raleigh DHIA Records Workshop, White Horse Fire Hall, White Horse, 12:30 p.m.-2:30 p.m.

Tuesday, January 12

New Jersey annual vegetable meeting, Trump Taj Mahal, Atlantic City, thru Jan. 14.

Evergreen Plant Identification, Lehigh Co. Ag Center, Allentown, repeats Jan. 13, 19, 20.

Pa. Flying Farmers, Farm Show Complex, Room D, 9 a.m.-3 p.m.

Dairy Cow Nutrition Short Course, Cecil County Extension, Elkton, Md., 10 a.m.-2 p.m., repeats Jan. 19.

Wednesday, January 13

Vet. Assoc. annual dairy meeting, (Turn to Page A11)

NOW IS THE TIME

By John Schwartz
Lancaster County
Agricultural Agent

To Make Plans For 1993 Farm Show

Next Saturday marks the opening of the 1993 Pennsylvania Farm Show.

Some of this year's highlights include a life-size butter sculpture depicting an old-time ice cream vendor, baby animal learning center, cooking demonstrations by student chefs, ice sculptures, and a "ton of change" fundraiser for 4-H.

Special events include Scooper-bowl Saturday where a \$3 charitable contribution entitles you to all the ice cream you can eat, rodeo on Saturday, sheep to shawl contest Monday, Folk Dance Festival on Monday night, horse and pony pulling on Tuesday and Wednesday nights, and Dairy Fun Night on Tuesday evening.

Governor's Day on Sunday starts with a nondenomination service, the Governor's Review, and entertainment by the Hegeman String Band, the draft horse hitched competition, and the Junior Tamburitians of South Hills. The show also features many commercial exhibits, animals, Pennsylvania commodities, and the Food Court.

Admission is free and there is a \$2 per vehicle parking fee. The Farm Show runs from January 9 to the 14.

To Name A Guardian

Alan Strock, extension farm management agent, reminds us it is very important to choose a guardian to manage our affairs when

we are no longer capable of doing them ourselves.

Sometimes those who are still alive but incapable of managing their affairs seem reluctant to name someone to take care of matters. A legal guardianship assigns responsibilities of one person to another, enabling the guardian to have access to bank accounts and other investments, pay bills, make purchases, and in general take care of the ward's financial transactions.

People who need a guardian because they are physically or mentally unable to manage their finances receive one either by assigning one themselves or having the court appoint a person.

When the court appoints a guardian, they consider kinship and geographical proximity. The court may appoint someone that you would not have chosen yourself. In addition, a court-appointed guardian faces a tremendous burden of paperwork and bureaucracy.

The solution is easy. With the help of a lawyer, perhaps the one who wrote your will, draw up a

simple durable power of attorney that will assign responsibility to a guardian of your choice.

The problem with a durable power of attorney is that it must be drawn up when the person is still capable of making important legal decisions. When you are incapacitated, it is too late.

To Have A Happy 1993

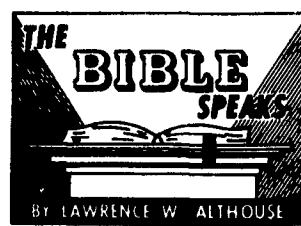
We are beginning a new year with new hopes, ideas, and challenges. Now is a good time to gather the family around and share dreams and hopes for 1993.

Discuss things you would like to do as a family—changes that need to be made and accomplishments to be achieved.

By spending time talking and dreaming, we can make 1993 a very happy and prosperous New Year.

Best wishes as you work to make your dreams come true.

Feather Prof's Footnote: "If there's a better way to do it . . . find it." — Thomas Edison



ARE YOU A
CHARISMATIC
January 3, 1993

Background Scripture:

Acts 2

Devotional Reading:

Acts 2:14-21

I've been asked that question quite a few times over the years. Sometimes it has been asked by someone who wanted to know if I was of a kindred Pentecostal spirit. Others have wanted to be sure that I wasn't "one of those". I'm not sure how satisfying my answer has been for either of these camps: "Yes, I'm charismatic; all Christians are".

Charisma, of course comes from the Greek word for "gift" and it is particularly used in the New Testament to denote the spiritual gifts which God gives to his people. Although, according to Paul, the gifts of the Holy Spirit are diverse (1 Cor. 12), he implies that all true Christians experience God's Holy Spirit and are gifted by him. So, to be a sincere follower of Jesus Christ is to be gifted by God in one or more ways—in other words, charismatic.

GLOSSALALIA

I'm aware, however, that in our time the word "charismatic" often is given a much narrower definition and in the minds of many refers solely to those Christians who seek and find those spiritual gifts given in a state of ecstatic fervor—most often, glossalalia or "speaking in tongues," an experience that Paul termed the least of gifts and which in ancient and contemporary times has divided the churches. In 1 Corinthians 14:18, 19 Paul says:

"...nevertheless, in church I would rather speak five words with my mind, in order to instruct others, than ten thousand words in a tongue".

I have no problem with those Christians who "speak in tongues", but neither am I willing to grant that their experience is normative for charismatic Christianity. The ecstatic experience is not for all Christians and the particular experience of the glossalalia people is not broad enough to cov-

er all of the work of the Holy Spirit.

Actually, the Pentecost experience of Acts 2 is a broadening, rather than narrowing experience. For one thing, the Holy Spirit came upon all—not just the more devout or doctrinally correct—who "were all together in one place" (2:1). We don't know whether those gathered together were 12 or 120 in number, but the writer of Acts tells us, "And they were all filled with the Holy Spirit" (2:4). This was an inclusive, not an exclusive or divisive experience.

GOOD NEWS, NOT BABBLING

This experience is also quite different from what Paul speaks of in his letters to the church at Corinth. There, they spoke in unintelligible sounds, like the glossalalia of today. But the writer of Acts tells us that all the disciples "began to speak in other tongues, as the Spirit gave them utterance" (2:4). These were not unintelligible sounds but foreign languages, for there were lots of foreigners in Jerusalem from "every nation under heaven" and "each one heard them speaking in his own language" (2:6). This was not incoherent babbling, but the good news of Jesus Christ in a variety of foreign languages—the writer of Acts suggests at least 15.

So, instead of dividing this great throng, the gifts of the Holy Spirit actually united these people. As Theodore P. Ferris says, "They were a group of people who probably had nothing else in common save this one thing: they loved Jesus."* When people love Jesus, no matter how diverse they may be or varied the means in which they express their love of Jesus, the gifts of God's Holy Spirit unites them and reaches out to unite the world as well. In that, we are all charismatics and pentacostals.

* (The Interpreter's Bible, Vol. 9, Abington Cokesbury Press, 1954, p. 38).

Farm Forum

Editor:

The front page article of the Dec. 19, 1992 issue of *Lancaster Farming*—"Curator Says Present Agriculture To Become Obsolete"—could shock the bejeepers out of a farmer who has seen the price of corn drop from more than \$3.50 per bushel 10 years ago, to less than \$2.50 this year.

However, don't sell the farm yet!

It is obvious that Mr. (Dr. G. Terry) Sharrer (curator of agriculture at the Smithsonian Institute) is a theorist and definitely not a pragmatist.

That is the entire problem with our world today—we are following the theorists rather than the pragmatists, and look where we are headed.

Sixty years ago, we followed theorists who said we could borrow and spend the world into prosperity. What happened?

Follow the news. We have borrowed ourselves into slavery to lenders.

Several decades ago, they spoke

of a sexual revolution. We certainly had one. And it resulted in an AIDS revolt.

What we so readily forget is that we are mere mortals, too frequently given to tunnel vision and therefore unable to see the entire spectrum.

What Mr. Sharrer did not consider when he suggested the possibility of growing corn at 3-inch spacings in 3-inch rows, is that the corn plant transpires an enormous amount of moisture which it draws from the soil.

Unless we irrigated constantly, there would be insufficient moisture to grow corn planted that closely.

If we would irrigate, from where would the water come?

Also, could the soil hold enough nutrients for that density of plants? I doubt it!

Perhaps Mr. Sharrer should have suggested fixing a cactus gene onto the corn plant chromosome. It's as valid.

As I travel, I see field upon field (Turn to Page A11)

Lancaster Farming

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— by —

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Robert C. Campbell General Manager

Everett R. Newmeyer Managing Editor

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Farm Calendar

(Continued from Page A10)

Country Table Restaurant, Mount Joy, 9:30 a.m.-3:30 p.m.
Pa. Auctioneer's Assoc. annual convention, Marriott Hotel, Harrisburg, thru Jan. 16.
Soil Fertility Workshop, Washington County Extension Office, Washington, Pa., 10 a.m.-3 p.m.

Raleigh DHIA Workshop, Kinzers Fire Hall, Kinzers, 12:30 p.m.-2:30 p.m.

Thursday, January 14

Ag Issues Forum, Willow Valley Conference Center, Willow Street, 7:30 a.m.-9 a.m.
Soil Fertility Workshop, Westmoreland County Extension, 10

Farm Forum

(Continued from Page A10)

of standing corn a few days before Christmas.

This is so because farmers, in an effort for maximum production, planted a late maturing corn variety.

Because of a lack of sun and heat during the past summer, the maturity was too late. Not too pragmatic!

They produced more, yes. But the price dropped and some spoiled.

Who wins?

The next unanswered question: if the increase in production density is promoted and a decrease in cropland results, what do we do with the farmers who are

displaced?

Do we put them on welfare? If we do, from where does the money come to pay the welfare?

Certainly some of the changes predicted by Mr. Sharrer will slowly come about, to a lesser degree perhaps, but don't sell the farm!

There are still much more important matters for science to solve than increasing corn density to 3-inch, by 3-inch stands. For instance, it would seem more important to come up with a much more efficient method of producing electricity.

HAROLD STOUDT
Hamburg

a.m.-3 p.m., repeats Feb. 4.
Farm Financial Management Workshop, Mahantongo Fire Hall, Pimman, 7 p.m.-9 p.m.
Dairy Cow Nutrition Short Course, Caroline County Extension, Denton, Md., 10 a.m.-2 p.m., repeats Jan. 21.

Friday, January 15

Pa. Christmas Tree Growers Assoc. meeting, Embers Convention Center, Carlisle, thru Jan. 16.

Saturday, January 16

Franklin County Holstein Assoc. meeting, 7 p.m.

Dauphin County Holstein Assoc. meeting, Western Sizzlin, Harrisburg, noon.

New Jersey Bred Equine Breeder awards dinner, Freehold Garden Hotel and Conference Center, Freehold, N.J.

Mercer County Dairy Day, Vo-Tech Center, Mercer, 10:30 a.m.-3 p.m.

Sunday, January 17

Monday, January 18

Northeast Winter Dairy Management Schools (West), Sheraton Inn, Batavia, N.Y., thru Jan. 19.

Northeast Winter Dairy Management Schools (East), Ramada Inn, Watertown, N.Y., thru Jan. 19.

Eastern Pennsylvania Turfgrass Conference and Trade Show, Valley Forge Convention Center, thru Jan. 21.

Crop Production Satellite Seminar, Forage Crops, Penn State. Raleigh DHIA Workshop, Robert Fulton Fire Hall, Wakefield, 12:30 p.m.-2:30 p.m.

Tuesday, January 19

NYS Farm Direct Marketing Conference, Kingston Holiday Inn, Kingston, thru Jan. 21.

Lime, Fertilizer and Pesticide Conference, Days Inn, State College, thru Jan. 21.

Dairy Cow Nutrition Short Course, Cecil County Courthouse, Elkton, Md., 10 a.m.-2

p.m.

Ag Information Series, Forest Stewardship and Erosion and Sedimentation Control, UNILEC Building, DuBois, 7:30 p.m.-9:30 p.m.

Beef Evaluation Program, Live Evaluation, Leesport Farmers Market, Leesport, 6:30 p.m.

Farm and Home Foundation annual meeting, Lancaster Farm and Home Center, 6:30 p.m.

Wednesday, January 20

Northeast Winter Dairy Management School (West), BPO Elks Lodge, Meadville, thru Jan. 21.

Northeast Winter Dairy Management School (East), Holiday Inn, Oneonta, thru Jan. 21.

Dairy MAP, Family Time Restaurant, York, 9:45 a.m.-3 p.m.

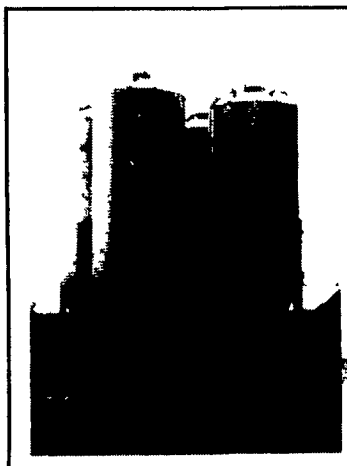
Urban Forestry Workshop, Capris Restaurant, Lake Wallenpaupack, 8:30 a.m.-2:45 p.m.

Beef Cow Herd Management Short Course, Belle Vernon Holiday Inn, also Jan. 27 and Feb. 2.

GSI

FEEDING

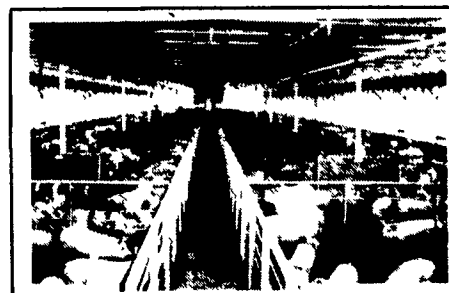
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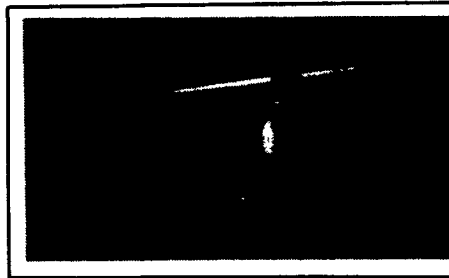


Cumberland

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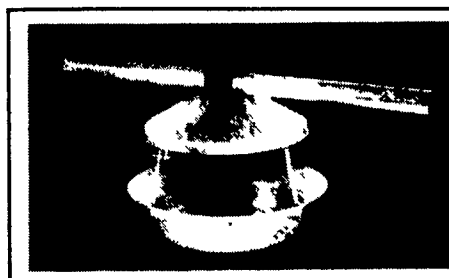


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CABBAGE: MARKET LOWER 1-3/4 BUSHEL CRATE & CARTON MEDIUM GREEN UNLESS OTHERWISE STATED DE fr qual 6.00 FL 7.50-8.00 few low as 7.00 Red Type 10.00-12.00 Savoy Type 10.00-12.00 GA 7.50-8.00 mostly 7.50 few 7.00 NY Red Type 10.00 50 lb sks sml-med 7.50-8.00 TX 7.00-8.00 fr cond 4.00-5.00 50 lb sks NY lge 4.50-5.00 ---CARROTS: MARKET ABOUT STEADY sks 48 1-lb flmbgs CA med-lge 11.00-12.00 mostly 12.00 WA med-lge 8.00-9.00 few 10.00 50 lb sks lse CA jbo 9.00-10.00 CD jbo 9.00 ctns bchd CA 24s 10.00 ---CAULIFLOWER: OFFERINGS LIGHT ctns flmwrpd CA 12s 22.00-25.00 TX 12s fr cond 10.00-12.00 16s fr cond 8.00-10.00 one lot 3.00 ---CELERY: MARKET ABOUT STEADY ctns CA 1 1/2 dz 16.00 occ 15.00 2 dz 16.00 occ 15.00 2 1/2 dz 15.00-16.00 mostly 16.00 occ higher 3 dz 14.00-15.00 occ higher film wrpd 2 1/2 dz one label few 21.00 FL 2 dz 16.00 2 1/2 dz

15.00 3 dz 12.00 ---CHINESE CABBAGE: celcrts FL 10.00-11.00 VA Nappa fr qual 6.50-7.00 ---CORN-SWEET: OFFERINGS LIGHT ctns FL bi color 12 4 ear pks flmwrpd few 15.00 ---CUCUMBERS: MARKET ABOUT STEADY WAXED UNLESS OTHERWISE STATED 1 1/9 bucrts FL med fr qual 7.00-8.00 MX med 11.00-12.00 fr qual 8.00-10.00 few 7.00 fr cond low as 5.00 ord qual 6.00-8.00 ---EGGPLANT: MARKET ABOUT STEADY 1 1/9 bucrts FL med few 5.00-6.00 fr qual 3.00-4.00 MX 18s 8.00 1/2 bucrts FL Italian few

15.00 ---ENDIVE: MARKET LOWER 1 1/9 bucrts FL 6.00-8.00 mostly 7.00 10 lb ctns BL Witloof 12.00 ---ESCAROLE: MARKET ABOUT STEADY 1 1/9 bucrts FL 10.00-12.00 mostly 10.00-11.00 occ 9.00 ---GARLIC: MARKET SLIGHTLY HIGHER LATEKEEPING 30 lb ctns CA White super col 36.00-38.00 col 35.00 super jbo 33.00 exjbo 31.00 ---GREENS: MARKET ABOUT STEADY CRATES & CARTONS APPROXIMATELY 1-1/2 BCHD UNLESS OTHERWISE STATED CA Kale 24s 8.00 red 24s 12.00 GA Colard 6.00-6.50 few 7.00 Kale 6.00-7.00

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Lancaster Farming, Saturday, January 2, 1993-A13

12.00 90s 10.00-11.00 mostly 10.00 100s 8.50-9.00 mostly 9.00 few 10.00 Norkotah CD New Brunswick CDOne 50 lb ctns 70s 8.00 80s 8.00 90s 8.00 100s 7.00 Round Red ME 50 lb sks sz B 11.50 MN/ND 50 lb sks fr cond 7.00-7.50 sz B 11.00-12.00 W1

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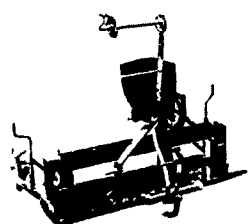
Are you managing your work rather than your work running you?

If your answer is "no" to any of these questions, you should attend the upcoming Dairy-MAP (Management and Profitability) Managing for Success Workshop, to be held in York at the Family Time Restaurant on January 6 and 20 between 9:45 a.m. and 3 p.m. The program is modelled after the very successful Pro-dairy program in New York state.

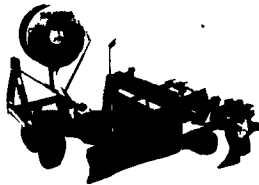
The two-day "Managing For Success" workshop will help you learn how to more efficiently manage your operation through applying good management principles. Various management principles will be taught through presentations, participants solving case scenarios, and by applying these principles to your farm operation.

A registration fee of \$36 will be charged for the first person from every farm. The second person will be charged \$24. Preregistration for this workshop is due by December 30 at the York County Extension Office, 112 Pleasant Acres Road, York, PA 17042, (717) 757-9657.

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This year's speakers include: Mr. Richard Denison, Associate Administrator of Pennsylvania Farm Administration; Dr. John W. Schwartz, County Extension Director of Lancaster County Extension; Mr. Donald Weaver, Partner of Weaver Homestead Farm; Mr. H. Louis Moore, Professor of Agricultural Economics of Penn State University; and Dr. John C. Becker, Esquire, Associate Professor of Penn State University.

The bank will provide lunch. Because of limited space, we can only accommodate those persons who return the coupon at the bottom of this announcement on or before January 25, 1993. Reservations will be taken on a first come, first served basis. (No telephone reservations will be accepted.)

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I will
attend.

My wife
will attend.

Return To:
Blue Ball National Bank, P.O. Box 580, Blue Ball, PA 17506
Attention: Brenda Knauer

COUPON COUPON COUPON

Monitor Winter Stress To Increase Spring Profits

KANSAS CITY, Mo. — The cold temperatures and inclement weather of winter may merely be uncomfortable to you, but they can significantly slow growth progress of your cow herd. More nutrients are required to keep a cow or calf at optimum growth and maintenance levels during this time of year.

Loss of gain as a result of lowered appetite and general sickness can cost a considerable amount of money. But, by closely monitoring winter rations, forages and overall animal health, you can be better assured of a healthy herd entering the spring season.

Dr. John Hough, director of education and research for the American Polled Hereford Association, recommends a thorough review of your herd nutrition requirements. Once you've established what nutrition levels your herd needs, you can make a better-informed decision on what feeds to purchase and precautions to take.

"When beef animals are stressed, their appetite can decrease and their resistance to disease organisms goes down," Hough said. "In addition to extreme weather fluctuations, other stress factors include wean-

ing, processing, shipping, and birthing."

Hough says that one of the most effective ways to keep sickness problems to a minimum is to keep cattle eating properly.

This can be achieved by making sure the cattle are continually checked for illness and fed high-quality, well-balanced rations, with proper nutritional supplements fed in proper amounts.

Having a sufficient supply of feed on hand is critical, especially in areas where snow and ice can delay shipments for several days at a time. Plus, a supply of quality hay is essential for meeting rough-

age requirements.

"It's also important to be certain the groups within your herd are fed the proper rations for related weather conditions," Hough said. "Sorting the herd into groups with similar feed requirements is an important step in developing a cost-effective winter feeding program."

Groups normally seen in today's herd include dry cows, nursing cows with calves, weaning calves, bred and/or open heifers, and bulls.

In everyday practice, these groups don't always need to be fed separately. If the herd isn't large, weaned calves, bred yearlings, first-calf, and the oldest dry cows can be fed together. The ration should be formulated so weaned calves and bred yearling heifers will gain enough to ensure maximum growth and development.

Nursing first-calf heifers and older cows will need to mend somewhat before the next calving and lactation period, Hough said.

"If your herd has a fall calving, split calving or year-around calving, cows nursing calves should be handled or at least fed separately, especially if you use creep-feeding," Hough said.

"You should also be aware of the animal's body condition entering winter," Hough said. "This is very important since it tells us what type of pasture or range the cows have had during the summer and fall grazing periods and has a large effect on the rebreeding rate."

"By knowing the condition of the cattle, it will help you determine what type of feeds and forages your herd will need. Plus, you can better plan for feed needs and search for the best value from your suppliers," he said.

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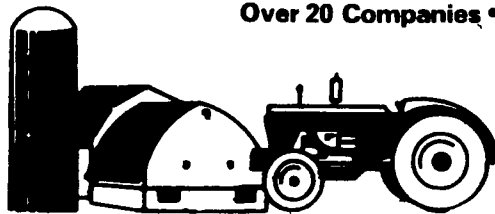
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Bobcat 642 Propane Skid Steer Loader	\$8,400
Bobcat 909 Backhoe	\$5,250
Bobcat 5A Landscape Rake	\$4,350
Bobcat 2000 Articulate Loader	\$14,500

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.	
NI 618 combine, sharp	
JD #343 3 Row 30" Corn Head	\$3,650
JD 653 6 Row 30" Bean Head	\$2,450
JD 13' Quick Tach Rigid Grain Head	\$1,850
JD 444 4 Row Wide Corn Head	\$3,650
JD 213 Rigid Head For Side Hill	\$2,650
NI 2 Row Wide w/Sheller	\$1,850
6 Row 1000 PTO Stalk Shredder	\$2,450
UFT 6 Row Stalk Shredder 1000 PTO	\$2,450
MF 410 Gas Combine w/Platform And 4 Row Wide, Nice	
JD 4400 Del. Combine	

HAY & FORAGE EQUIPMENT:

JD 1 Row, Row Crop Attachment, Nice	\$550
JD 5 1/2' Pickup Attachment	
NH 1010 Bale Wagon	\$4,350
NH 268 Baler w/Ejector	\$1,500
JD #30 Hydraulic Bale Ejector	\$2,950
Hesston 1091 Mower Conditioner	\$1,550
Owatonna 320 Stacker	\$2,950
JD 1209 Mower Conditioner	\$4,850
NH 495 12' Haybine	\$575
JD 50 Side Mtd. Mower For 10 And 20 Series	\$1,250
Side Mtd. Hydraulic Drive Highway Mower	\$4,450
JD 3 Row Row Crop Atch. 30" For Harvester	\$4,450
NH 770 Harvester With 2 Row Wide Corn Head And Pickup	\$7,950
IH 430 Baler w/Thrower	\$425
JD 337 Baler w/Ejector	\$650
JD 35 Harvester With Pickup	\$950
Wheel Rake	
JD 14T Baler	
Hesston PT 10 Haybine	
JD 2 Row 30" Row Crop Atch. For Harvester	

CULTIPACKERS

Brillion 10' w/Big Shaft	\$950
Brillion 3' Section 28' Packer	\$1,250
Brillion 12' w/Big Shaft	\$1,850
Brillion 12' Packer w/Transport	\$1,850
JD F930 14' Transport Packer	\$1,250
JD 12' Packer	

Coming In...

JD 1250 3x18" Plow	
18' Wing Fold Field Cultivator S-Tines	
JD 3940 Harvester w/Pickup	

New Year's Hours
Thurs. Dec. 31 - Open
7:30 A.M. To 12 Noon
Friday, Jan. 1 - Closed
& Sat. Jan. 2 Closed

Store Hours

PARTS- Mon. Thru Fri.
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JD 10 Tooth Pull Type Chisel	\$1,850
JD 3200 6x18" Pull Type Auto Reset Plow	\$3,950
JD 2500 5x18" Auto Reset Plow	\$3,950
JD 1710A Mulch Tiller, 13 Shank, Sharp	\$4,500
JD F125 3x16 Plow	\$950
Oliver 5 or 6 Bottom Spring Reset Plow	\$2,950
JD F325 3x16" Auto Reset Plow	\$950
IH 15' 3 Pt. Chisel	\$1,650
JD 1250 4x18" Plow	\$1,050

DISCS AND FIELD CULTIVATORS

JD 210 14' Black Gang Disc	\$3,850
IH 475 20' Hydraulic Wing Disc	\$4,350
JD 230 27' Wing Fold Disc w/New Blades	\$7,850
JD BWF 12' Disc	\$1,850
IH #45 12' Field Cultivator w/Tine Harrow	\$1,850
JD 18' Field Finisher	\$1,450
JD BWF 12' Disc	\$1,450
JD AW 10' Disc	\$1,150
JD TW 12' Plowing Disc	\$2,350

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IH #315 12' Roller Harrow	\$2,850
Kewanee 20' Flat Fold Roller Harrow	\$5,950
Brillion 15' Cultimulcher	\$3,650
JD 970 15' Roller Harrow, New Style	\$5,950

ROW CROP CULTIVATORS & ROTARY HOES

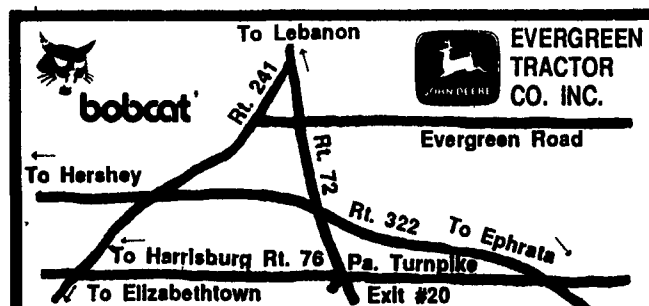
JD RM 4 Row 30" Cultivator	\$1,050
JD RM 4 Row Cultivator	\$1,050
JD 6R 30" Cultivator	\$850

MISCELLANEOUS:

Transcraft 42' Drop Deck Trailer, Air Ride, Nice	\$8,500
NI 244 Manure Spreader	\$2,450
Gehl 322 ~~SOLD~~ ger Spreader	\$5,950
JD 40 Manure Spreader w/Tail Gate	\$1,450
JD 450 Hydro Push Spreader	\$2,850
JD 146 Loader, New Style, Single Lever	\$2,650

PLANTERS & GRAIN DRILLS:

JD 7000 Conservation 6 Row Liquid	\$9,500
JD Model B 14x7 Double Disc Drill	\$1,450
JD 8300 21x7 DD Drill	\$3,450
Oliver 13x7 Grain Drill SD w/Grass, Nice	\$1,150
MF #43 21x7 Plain Grain Drill	\$1,050
JD 7000 4 Row Wide Row Planter	



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Lowest SCC Pennsylvania DHIA Herds For November

The lowest SCC herds in Pennsylvania below 150,000 for November 1992 are listed as follows:

SCC Count	Name	S. City and State	No. Cows	Type/Test	% Days In Milk	Milk Lbs	3 X	Fat Lbs	Protein Lbs
54,000	JAMES SLOCUM	SUSQUEHANNA PA	22.0	DHI	84.7	19089	721	644	
57,000	ROBERT FRANCIS	ULYSSES PA	35.8	DHI	81.8	18086	724	565	
58,000	HIGHLAND H FARMS	BROCKWAY PA	19.2	DHI	90.4	18907	771	647	
66,000	PAWLOWICZ FARM	BUTLER PA	20.8	DHI-AP	83.7	17490	637	551	
73,000	DONALD YASNOWSKY	NEW WILMINGTON PA	29.9	DHI-AP	85.4	19042	686	591	
74,000	RABOLD DAIRY	MERCER PA	35.9	DHI-AP	91.0	17256	623	528	
76,000	HUNSINGER FARM	SPRINGVILLE PA	48.2	DHI	86.3	18068	652	552	
77,000	PAUL HARTLE	BELLEVILLE PA	65.7	DHI	87.0	21695	825	678	
82,000	DALE R PETTY	CANTON PA	42.0	DHI-APT	87.9	19833	743	622	
83,000	R C & J R SHOEMAKER	CHAMBERSBURG PA	70.5	DHI	88.0	18672	676	600	
84,000	LITTLE POND FARM	TROY PA	67.9	DHIR	88.2	16400	823	631	
84,000	HIGH RIDGE FARM	BULGER PA	29.6	DHI-AP	84.6	18347	608	565	
87,000	RODERICK GROSVENOR	SUSQUEHANNA PA	52.2	DHI-AP	83.9	17318	606	535	
87,000	GORDON E HERR	NOTTINGHAM PA	86.5	DHI	88.9	20107	771	643	
90,000	EDWIN L CALHOUN	GLEN ROCK PA	58.5	DHI	86.4	21545	836	677	
90,000	DAVID + KATHY SMITH	LEWIS PA	44.9	DHI-AP	84.0	20832	714	646	
91,000	DALE WOROBEY	THOMPSON PA	39.7	DHI	92.4	17885	697	613	
92,000	SMITH BROS	PETROLIA PA	38.5	DHI-AP	86.6	19839	707	622	
94,000	STRINGERS SAND RIDGE	BELLEVILLE PA	69.9	DHI	86.6	22626	873	732	
94,000	EMMET FARM	KINGSLEY PA	56.7	DHI-AP	89.6	20671	742	682	
95,000	RON + BETH RUFFNER	WORTHINGTON PA	33.5	DHI-AP	82.7	20304	717	627	
95,000	DAN MIKE NEGAT	UNION CITY PA	15.6	DHI-AP	86.7	19891	732	645	
95,000	WESTER JERSEY FARM	JAMESTOWN PA	32.7	DHIR-APCS	84.2	15484	724	610	
96,000	J DARWIN WILSON	MILLVILLE PA	29.3	DHI	84.5	15791	575	516	

96,000	TWIN STATES FARM INC	SUGAR GROVE PA	218.0	DHI	88.8	21611	801	671	
98,000	BLY VALLEY FARMS	TITUSVILLE PA	22.3	DHI	85.4	19807	724	635	
98,000	GALEN C MARTIN	HONEY BROOK PA	47.4	DHIR	86.7	19691	780	635	
98,000	JOHN WHEELER JR	TIOGA PA	31.9	DHI	87.0	17484	616	542	
98,000	CLYDE & GREG SEELEY	CANTON PA	47.0	DHIR	88.8	19023	751	602	
99,000	DRY ACRES FARM	GLENCOE PA	50.7	DHI	90.0	18167	680	567	
99,000	ROB FLYNN	LAKEWOOD PA	38.3	DHI-APT	73.8	14824	540	479	
99,000	MABARBIT FARMS	MIDDLEBURG PA	84.3	DHI	88.7	20302	777	670	
99,000	FRANK H BOWERY	CLEARFIELD PA	12.2	DHI-AP	86.9	12322	439	403	
99,000	DAVE+DOUG LEHMAN	CARLISLE PA	80.5	DHI-APT	89.5	20210	739	627	
100,000	JOSEPH E SNYDER	MILLMONT PA	47.4	DHI	86.0	20056	728	639	
100,000	PAX-TERRA JIM PANTO	MEYERSDALE PA	31.4	DHIR	86.5	20598	798	691	
101,000	VALEWOOD DAIRY	LORETO PA	133.0	DHI-APT	91.1	21124	862	681	
101,000	BO JOY FARM	QUARRYVILLE PA	40.0	DHIR	90.9	14974	623	543	
101,000	GERALD R DONOVAN	TITUSVILLE PA	29.8	DHI	90.6	19168	705	624	
101,000	STANHOPE FARMS	ESPYVILLE PA	47.8	DHIR	87.6	20892	778	650	
102,000	GREENE SUMMIT FARM	ERIE PA	37.1	DHI-AP	88.6	17808	664	572	
102,000	BO JOY FARM	QUARRYVILLE PA	26.6	DHI	91.1	13699	632	498	
102,000	FLOWING SPRING FARM	DRUMORE PA	47.1	DHI-AP	84.3	16803	619	521	
102,000	FRED+SCOTT LOVELL	LINDEN PA	39.7	DHI	83.6	19610	719	617	
103,000	ROBERT JOHNSON	JACKSON PA	42.8	DHI	84.3	19931	739	637	
104,000	MONT WILL FARMS	MONTGOMERY PA	40.6	DHI	84.9	19874	746	624	
104,000	RIDGE-VIEW FARM	WATERFORD PA	22.0	DHI-AP	83.8	18596	654	589	
105,000	DOUGLAS K ROBINSON	GROVE CITY PA	24.0	DHI-AP	87.5	21732	839	699	
106,000	DEBBIE STEVENSON	MILLERTON PA	18.7	DHIR-APT	87.4	12819	630	481	
108,000	ROBERT C BROWSON	BLOOMSBURG PA	55.2	DHIR	90.0	18866	680	621	
108,000	DARYL BUTTON	NICHOLSON PA	34.8	DHI	88.2	23210	800	746	
108,000	ED & MARYANN BAKER	WATSONTOWN PA	74.7	DHIR	88.9	21985	833	703	
108,000	TERRACED ACRES FARM	CLEARFIELD PA	10.0	DHI-AP	87.8	10233	468	393	
108,000	STEVEN J CLAPPER	WILLIAMSBURG	29.8	DHI-AP	85.8	14090	535	431	

(Turn to Page A32)

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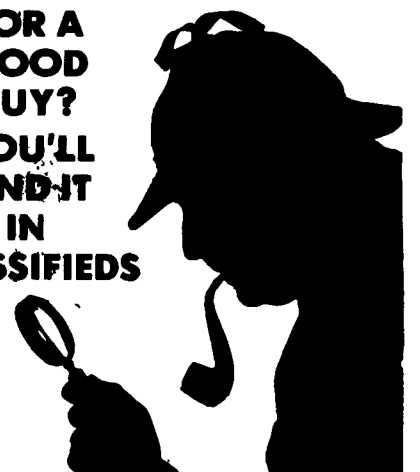
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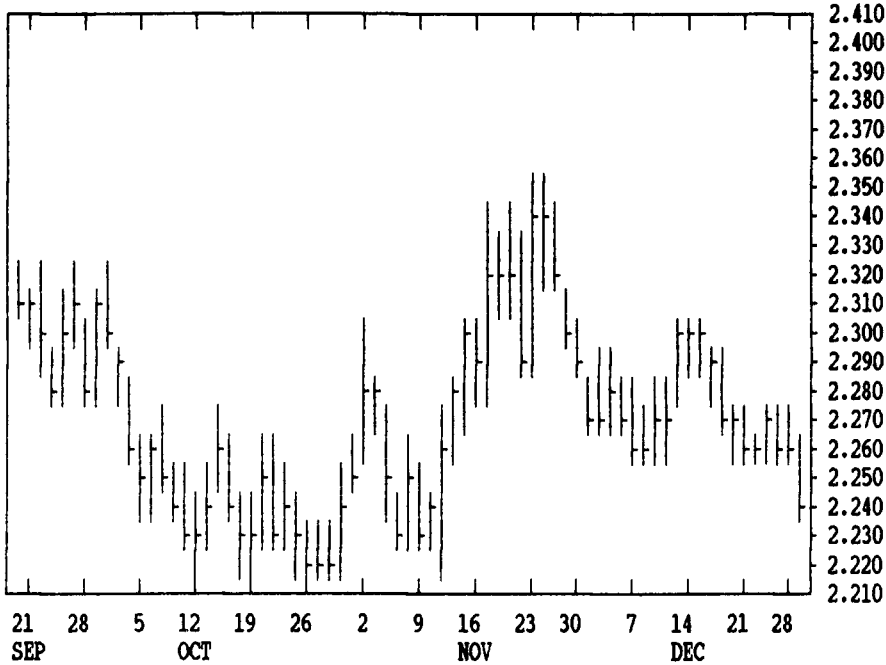
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FUTURES MARKETS

From DTN former satellite daily update. Service phone: (717) 731-1520

(Closing bids: Tuesday, Dec. 29)

DTN GRAINS 16 MAY CORN

CONTRACT HIGH: 2.846 LOW: 2.220



DTN FUTURES 12 12/24/92

DTN WEEKLY TECHNICAL SUMMARY

Past Week's (12/21-12/24)				November's				Current	
High	Low	Close		High	Low	Support	Resistance		
NEARBY WHEAT	376.5	352.00	358.5	376.5	356.5	341.75-351.25	369.75		
MAY WHEAT	343.5	336.25	343.00	360.25	340.75	336.5	348.00		
NEARBY KCWHT	361.50	345.5	350.25	363.5	345.00	339.50	359.00		
MAY KCWHT	333.5	328.00	333.00	349.00	332.75	310.5	344.00		
NEARBY MGEWT	340.00	333.25	338.75	357.00	341.00	325.25	348.50		
NEARBY CORN	220.25	208.00	219.75	227.25	214.5	204.50	230.25		
MAY CORN	227.25	225.75	226.5	235.00	222.25	222.00	233.00		
JUL CORN	233.00	231.00	232.5	240.5	227.00	226.25	238.25		
NEARBY BEANS	577.75	570.5	577.25	569.00	546.5	558.50	582.5		
MAR BEANS	583.5	574.00	582.25	575.5	552.5	569.25	585.25-601.00		
MAY BEANS	589.5	580.00	588.25	580.75	559.75	574.75	591.00-600.00		
NEARBY MEAL	192.80	186.90	189.40	184.00	178.8	175.80	203.60		
MARCH BNOIL	21.20	20.66	21.06	21.15	19.67	19.80	21.50		
NEARBY LIVCT	80.00	75.785	76.385	74.45	71.75	74.50	79.80		
APR LIVCT	76.10	75.525	76.035	74.685	71.75	74.45	77.90		
NEARBY FEDCT	86.55	85.85	86.40	84.15	80.85	82.25	88.25		
NEARBY LIVHG	43.80	42.70	43.675	44.75	42.85	41.15	46.125		
APR LIVHG	42.45	41.75	42.30	42.525	40.60	41.30	43.25		
FEB PKBLS	38.75	37.275	37.45	44.10	39.10	35.90	40.87		

LIVE CATTLE

FEEDER CATTLE

LIVE HOGS

HIGH	LOW	LAST	CHG	HIGH	LOW	LAST	CHG	HIGH	LOW	LAST	CHG
FEB 7642	7612	7627*	-10	JAN 8610	8540	8605*	-27	FEB 4390	4350	4355*	-27
APR 7625	7595	7615*	0	MAR 8410	8375	8407*	-17	APR 4255	4230	4237*	-7
JUN 7257	7240	7242*	-17	APR 8315	8280	8312*	-17	JUN 4710	4675	4682*	-15
AUG 7075	7060	7062*	-15	MAY 8187	8172	8180*	-25	JUL 4665	4645	4657*	+7
OCT 7110	7090	7092*	-27	AUG 8100	8080	8080*	-15	AUG 4545	4515	4530*	+5
DEC 7185	7160	7162*	-17	SEP 8035	8005	8015*	-17	OCT 4155	4135	4140*	0
FEB 7170	7140	7140*	-35	OCT 8020	8000	8000*	-15	DEC 4270	4252	4270*	0
APR				NOV		7995*	0	FEB 4300	4295	4295*	0

SWISS FRANC

EURODOLLAR

PORK BELLIES

MAR 6795	6750	6783*	+23	MAR 9633	9626	9631*	0	FEB 3737	3710	3730*	-7
JUN 6765	6705	6753*	+26	JUN 9592	9583	9589*	0	MAR 3760	3727	3747*	-12
SEP 6737	6695	6737*	+28	SEP 9551	9541	9548*	+1	MAY 3885	3862	3885*	+2
BRITISH POUND				DEC 9490	9481	9488*	+2	JUL 3925	3900	3925*	0
MAR 15028	14850	14912*	+116	MAR 9469	9459	9467*	+2	AUG 3780	3755	3770*	+17
JUN 14920	14760	14806*	+118	JUN 9433	9425	9431*	+3	FEB			
SEP 14870	14680	14722*	+124	S&P 500 INDEX				GERMAN MARK			
JAPANESE YEN				MAR 44380	43760	43840*	-80	MAR 6135	6091	6117*	+26
MAR 8025	8002	8011*	+19	JUN 44430	43820	43890*	-90	JUN 6066	6029	6053*	+26
JUN 8032	8012	8012*	+19	SEP 44525	43930	43995*	-85	SEP 6020	5983	6008*	+26
SEP				DEC 44645	44080	44140*	-60	DEC 6100	5949	5975*	+26

CORN

CHICAGO WHEAT

K.C. WHEAT

HIGH	LOW	LAST	CHG	HIGH	LOW	LAST	CHG	HIGH	LOW	LAST	CHG
MAR 2186	2172	2174*	-16	MAR 3522	3486	3492*	-40	MAR 3462	3434	3440*	-30
MAY 2256	2244	2244*	-16	MAY 3374	3340	3352*	-26	MAY 3282	3252	3264*	-22
JUL 2314	2300	2302*	-20	JUL 3140	3114	3132*	-10	JUL 3124	3102	3120*	-14
SEP 2360	2344	2344*	-16	SEP 3190	3174	3180*	-30	SEP 3160	3150	3160*	-20
DEC 2410	2394	2396*	-14	DEC 3294	3276	3294*	-14	DEC		3242*	-20
MAR 2480	2464	2466*	-16	MAR 3340	3340	3340*	-20	MINN WHEAT			
MAY 2524	2514	2514*	-14	OATS				MAR 3340	3304	3330*	-14
JUL				MAR 1450	1436	1444*	-6	MAY 3320	3284	3320*	+2
SEP				MAY 1460	1444	1456*	-6	JUL 3180	3150	3160*	-10

SOYBEANS

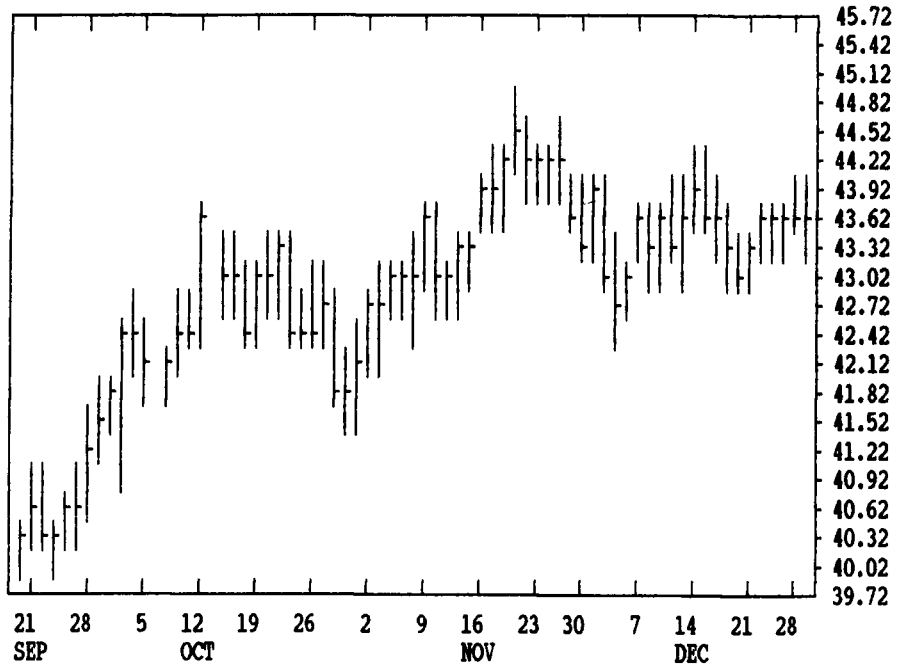
SOYBEAN MEAL

SOYBEAN OIL

JAN 5710	5666	5676*	-44	SEP 1480	1476	1480*	-12	DEC 3200	3200	3200*	-30
MAR 5762	5714	5726*	-44	JAN 1870	1856	1868*	-5	JAN 2080	2033	2034*	-50
MAY 5824	5780	5790*	-44	MAR 1852	1842	1852*	-6	MAR 2106	2054	2054*	-59
JUL 5884	5844	5856*	-40	MAY 1853	1843	1849*	-10	MAY 2122	2080	2080*	-50
AUG 5904	5870	5876*	-36	JUL 1870	1860	1867*	-7	JUL 2137	2096	2098*	-49
SEP 5900	5866	5872*	-52	AUG 1880	1869	1874*	-7	AUG 2140	2099	2099*	-48
NOV 5940	5912	5914*	-36	SEP 1886	1879	1884*	-7	SEP		2103*	-45
JAN 6014	5994	5994*	-40	OCT 1900	1890	1899*	-8	OCT 2145	2108	2108*	-42
MAR				DEC 1920	1910	1918*	-12	DEC 2141	2120	2120*	-35

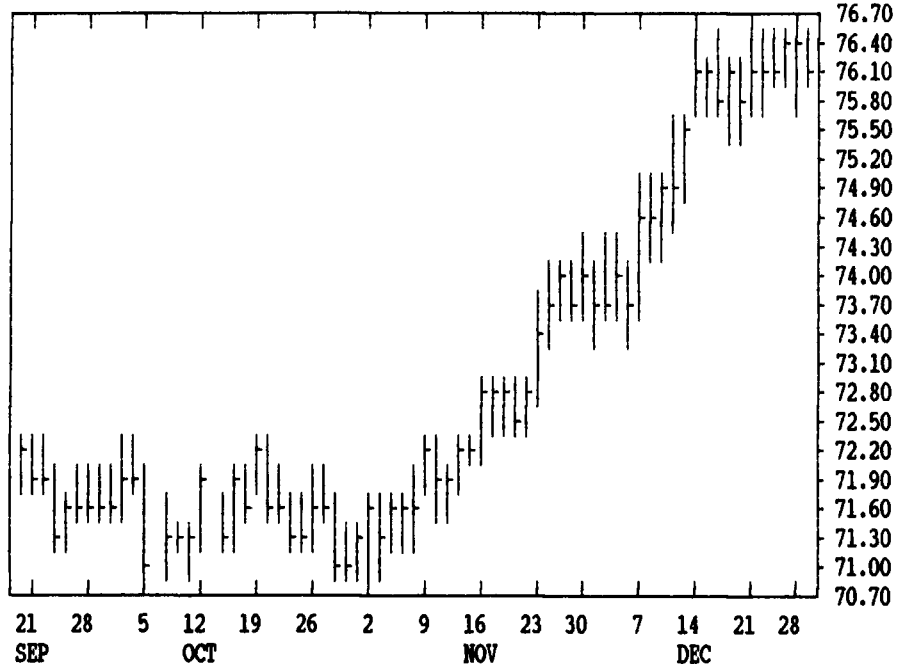
DTN LIVESTOCK 17 FEB LIVE HOGS

CONTRACT HIGH: 45.95 LOW: 40.02



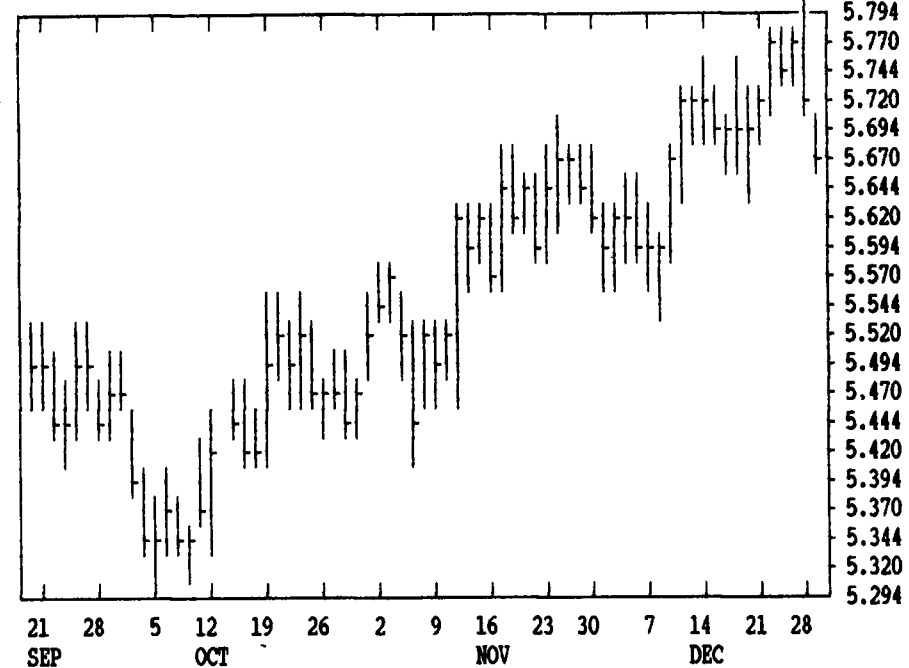
DTN LIVESTOCK 18 FEB LIVE CATTLE

CONTRACT HIGH: 76.57 LOW: 68.10



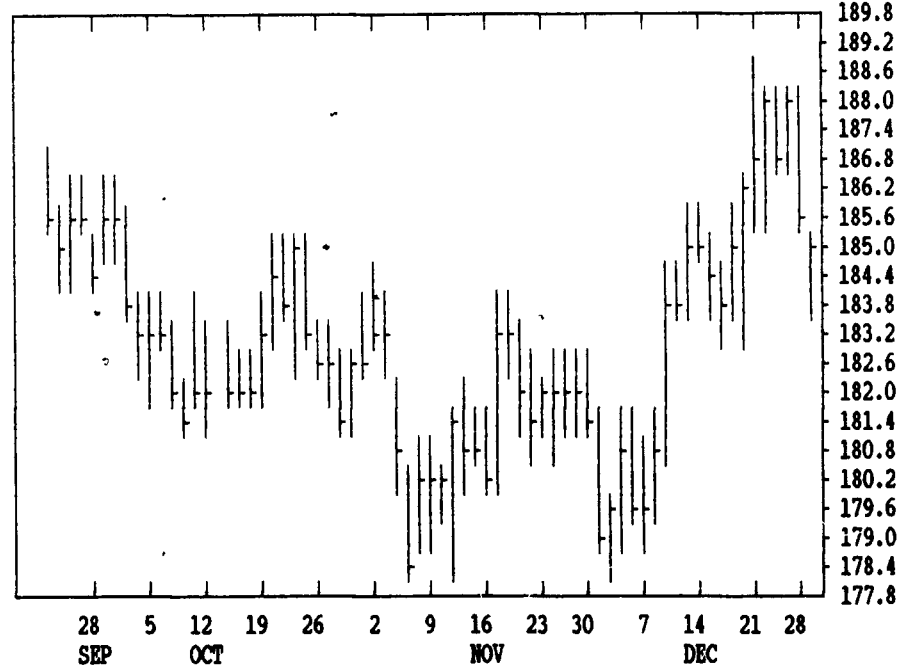
DTN GRAINS 22 JANUARY SOYBEANS

CONTRACT HIGH: 6.590 LOW: 5.320



DTN GRAINS 23 MARCH SOYMEAL

CONTRACT HIGH: 210.0 LOW: 178.4



CLEARANCE SALE!

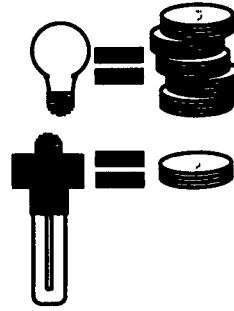
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"... the biggest advantage of these lamps is the economic savings over the life of the bulb. Once the initial investment is paid back, which will be done in less than six months, the increased electrical economy makes such bulbs the most logical way to light..." Michael J. Darre -

PHD Animal Science,
University of Connecticut

Light Bulbs Cost 5 Times
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	Tube Wattage	5	7	9	13
	Ballast Wattage	2	2	2	2
	Total Wattage	7	9	11	15
	Initial Lumens	250	400	600	900
	Approx. Equivalent Incandescent	15-25W	25-40W	50-60W	60-75W
	Minimum Ambient Starting Temp	0°F	0°F	23°F	23°F
	Wattage Saved over Incandescent*	6-16W	14-31W	39-49W	45-60W
	Color Temperature	2700K	2700K	2700K	2700K
	Average Tube Life Hours	10,000	10,000	10,000	10,000

*Incandescent light output varies for a given wattage

POTTED U-TUBE (LAMP & POTTED BALLAST)

STK #	ITEM
LL1010	5 Watt U-Tube
LL1020	7 Watt U-Tube
LL1030	9 Watt U-Tube
LL1040	13 Watt U-Tube
LL1050	13 Watt Quad U-Tube

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STK #	ITEM
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LA1020	7 Watt U-Tube Lamp
LA1030	9 Watt U-Tube Lamp
LA1040	13 Watt U-Tube Lamp
LA1050	13 Watt Quad U-Tube Lamp

REPLACEMENT U-TUBE BALLAST

STK #	ITEM
LG1010	5 Watt U-Tube Ballast
LG1020	7 Watt U-Tube Ballast
LG1030	9 Watt U-Tube Ballast
LG1040	13 Watt U-Tube Ballast



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PHILLIPS MACHINE
SLOTTED INDENTED HEX
UNSLOTTED INDENTED HEX
SLOTTED WOOD
PHILLIPS WOOD
SLOTTED TAPPING
PHILLIPS TAPPING
HEX SOCKET CAP FLAT ROUND BOTTOM

SHOULDER
THUMB
SET SCREW CUP, FLAT, 1/2 DOG,
CONE, OVAL, SQ. HD. SET SCREWS
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TEKS HEX & PAN
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Guard And
Hanger Two
Piece Porcelain
Replacement
Socket With
Screw
Terminals
BROODER w/
6' CORD &
WIRE GRILL

HEAT
LAMPS -
RED OR
WHITE
AVAILABLE

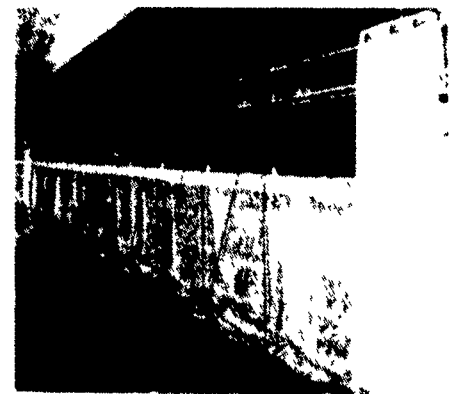


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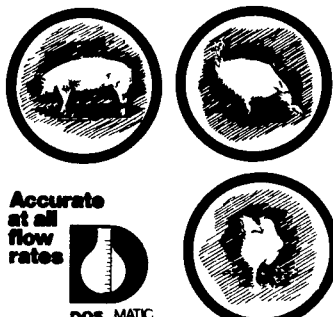
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Convenience Rather Than Diet, Health Issues Top Beef Consumer Demands

(Continued from Page A1)

In an interview conducted at Herr Angus Farm (which used to be a seedstock farm of purebred Angus, but now is a beef finishing operation), Byrne spoke about the future drives and directives of the Council.

New programs and projects include a more aggressive campaign to reach the "grassroots-level" consumer regarding the benefits of beef products, "which is different than what we've done in the past few years," said Byrne.

He said what makes that programs different is the shift in concentration from "thought leaders" in the press directly to consumer. Which means, according to the Council chairman, you'll be seeing a lot more in-store demonstrations, sampling of beef products, and direct advertising.

Variety of programs

"We're going to be involved in a lot more of the food fairs and that type of thing than we've been in the past," he said.

The checkoff money collected (\$1 per head of cattle sold) is spent on a variety of programs. Of the \$1.1 million collected, about \$200,000 is returned to the state of origin (cattle purchased from other states). Of the about \$900,000 remaining, according to Byrne, half goes to the national beef council program. About \$450,000 is returned to the state, of which \$270,000 is used for direct advertising and promotional campaigns for beef. The rest is used for administrative purposes and program coordination.

Most of the \$270,000 will be going to "let the producer know we're doing all we can for his



At Herr Angus, Byrne is involved in the overall management of operations. The 1,000-acre beef finishing farm is home to about 1,800 head of cattle a year.



Dennis Byrne keeps careful records of calves brought to finish to the Herr Farm.

buck," he said. "But at some point we have to realize that the more dollars we spend convincing the producer we're doing a good job with his buck, the less we're spending on the consumer who is going to buy his product."

Soon, more money will be allocated for direct promotion. Already the Council is writing up proposals and constructing methods to heighten the promotion of beef products.

Partnering

"Currently we're discussing some possibilities with the Heinz Foundation and partnering on some beef ventures," he said. "That will be exciting."

But what excites Byrne the most is the current veal marketing program under way, particularly in the Philadelphia area.

The new campaign uses "on the spot" radio advertising to feature veal promotions, recipe contests, cookouts, and other methods to deliver a positive message about veal products.

"We're hearing really good things about that," he said. Written and implemented by staff at the Beef Council in cooperation with veal packers, the campaign is a partnership "that hasn't happened in any other beef council in any state," he said, because the industry is contributing additional dollars on top of the checkoff.

1,800 head of cattle

At Herr Angus, Byrne is involved in the overall management of operations. The 1,000-acre beef finishing farm is home to about 1,800 head of cattle a year. Two full-time herd managers, David Bell and Doug Lawrie, contribute to managing the care and feeding of cattle, in addition to 220 acres of corn, 250 of pasture, 50 acres of barley and 50 acres of wheat cash crops, 60 acres of reed canarygrass, and the remainder in soybeans.

The farm, which began with 300 heifers as a purebred Angus seedstock operation in 1985, now hosts various Angus/Hereford and Charolais crosses.

What makes the farm interesting is the use of Herr Snack Food by-products. To displace the use of corn silage, Jim Herr, owner, and Byrne have made use of three different types of by-products to feed the steers.

One product is what Byrne refers to as "steer party mix," which includes the unused and not-



To displace the use of corn silage, Jim Herr, owner, and Dennis Byrne (pictured here) have made use of different types of by-products to feed the steers. One product is what Byrne refers to as "steer party mix," which includes the unused and not-up-to-standard chips, pretzels, and popcorn that are manufactured at the plant close by, hauled (2-3 tons daily) onto the farm and used as feed.

up-to-standard chips, pretzels, and popcorn that are manufactured at the plant close by, hauled (2-3 tons daily) onto the farm and used as feed. The other products are potato peels and other rejected potato material, with much of the water removed, hauled daily to the farm. The final product is waste water

used to wash the potatoes, composed of about 1 percent solids, which is used to irrigate the reed canarygrass.

By-products used

"Jim Herr always thought that somehow or other their by- (Turn to Page A22)



Here, Dennis Byrne computes the weight of cattle loaded onto the scale.



According to Dennis Byrne, potato peels and other rejected potato material, with much of the water removed, are hauled daily to the farm and fed as a replacement for corn silage.

Chester County DHIA Starts Reports

WALTER WURSTER
PSU Extension Agent
WEST CHESTER (Chester Co.) — This is the first of a monthly column of articles of interest to Chester County dairy farmers and other dairy producers. It will appear the first Saturday of each month and contain county DHIA news, Chester County DHIA lactation reports, and dairy articles written by Walter Wurster, Chester County Dairy Extension Agent.

Chester County DHIA is continuing to remain an independent county organization, but is using PA DHIA for laboratory services, computer information and direct billing. The board of directors will set the rate schedule, manage the technicians and handle their own finances.

On Dec. 8 the board met for a day session to reorganize and set rates for 1993. Officers elected were Dan Miller of Chatham, president; Don Gable of Elverson, vice president; John St. John Jr., Lincoln University, secretary; and Greta Rech, Chatham, treasurer.

Chester County Extension has planned an extensive dairy program for the new year.

The Dairy-MAP pilot program focusing on managing for success is being initially offered by invitation in the Morgantown area. Plans are to expand this program in the future so that it is available to all dairy farmers in the state.

The Penn-Jersey Dairy Expo comes to the Oxford Fire Hall on Thursday, Jan. 21, with a trade show, a great buffet dinner and a group of high profile speakers. Included are Dr. George Seidel, Colorado State University, on reproductive technology; Jim Putnam, Springfield Farm Credit, on managing in an unstable milk market; Dan McFarland, Penn State agricultural engineer, on cow comfort. Bob Graves, Penn State agricultural engineer, will anchor a panel discussion by farmers who have had dealings

with DER, EPA, the Fish Commission, and the public because of environmental concerns and/or accidents. Contact the Chester County DHIA technicians or Chester County Extension at (215) 696-3500 by Jan. 11 for tickets to the Penn-Jersey Dairy Expo.

Half-day DHIA workshops are planned for February 22nd and 26th. The location and times will be announced later. The program will focus on the many packages that are available from Pa. DHIA that make the service suitable to a wide range of farming operations. Also, the new herd summary and cow page sheets will be discussed so that DHIA members can better utilize their records to increase production and profit.

A two-day Udder Health School (Milking School) will be offered March 3rd & 10th, probably in the Cochranville area. The first day will be classroom instruction with a strong emphasis on mastitis control. The second day will be on a farm and will include



December 1992

Cows producing over 800 lbs. protein are:

Name	Breed	Age	Milk	Fat	Pro
Joseph & Sandra Lusby					
Sylvia	H	3-10	30,397	1058	915
David Bartram					
8431	H	7-02	26,196	858	812
Ken & Marilyn Umble					
Pandora	H	4-05	29,122	1276	881
#Pip	H	3-11	33,340	1180	1067
Robert & Sharon Nolan					
Noreen	H	6-06	27,826	782	865
Elvin R. & Carol Mast					
Carla	H	5-04	24,469	902	835
Marilyn & Duane Hershey					
Sara	H	4-08	26,920	867	800
Angel	H	4-02	26,591	873	885
Autumn	H	4-05	31,122	1204	975
Alley	H	3-02	33,033	1046	1085
Spring Aqua Farm					
96	H	6-02	31,245	983	972
206	H	6-00	29,195	892	886
John S. Stoltzfus					
Loti 228	H	7-01	26,163	1006	865
Ardrossan Farms					
S-Star	A	5-05	24,423	1274	832
Mysterg	A	4-06	25,652	1006	831
E. Kent High Jr					
22	H	5-05	29,339	740	849
180	H	4-02	28,638	989	878
Harold & Glenn Ranck					
Monica	H	3-04	24,761	995	809
Dunwood Farm					
Sweet	H	6-09	32,136	1184	925
Katrina	H	6-08	30,747	1163	913
Kit	H	4-11	27,089	944	802
Silver	H	4-08	26,613	1114	822
Stella	H	4-04	27,949	1264	946
Chris & Chester Stoltzfus					
Velvet	H	3-04	29,204	987	882
Susan Weaver					
Bambi	H	4-03	25,794	927	813
Tim & Phyllis Barlow					
Jackie	H	3-02	24,937	1138	816
Walmoore, Inc. # 3					
482	H	4-04	26,755	916	837

Richard Hoover					
117	H	5-00	24,347	1030	831
26	H	3-03	22,525	1007	802
Charles J. Moore					
Silk	H	4-11	27,836	775	859
J. Harold Bare					
3	H	3-07	23,940	1031	818
14	H	6-02	27,385	1058	899
Joy-Wil Farms					
41	H	8-01	28,787	872	826
Rose	H	3-10	26,543	1082	858
24 R	H	4-02	27,286	867	876
Kevin Stahlnecker					
Dolly	H	4-03	31,171	1258	971
Vernon Guest & Sons					
Lass	H	12-00	31,691	896	937
Lillian	H	3-11	26,540	1099	920
Gottlieb Strohmaier					
264	H	7-11	24,698	985	805
Richard Hostetter					
69	H	3-03	25,094	884	815
David K. Stoltzfus					
4	H	6-07	28,697	900	865
Paul Smoker					
1	H	6-00	30,148	967	872
Dale Hostetter					
Sue	H	4-09	26,178	1042	817
Wilkinson Farm 1					
2841	H	3-05	27,685	851	887
Paul Martin					
93	H	5-02	27,003	1080	889
Elk Spring Farm					
2	H	5-02	24,704	819	837
Sam & Marian Stoltzfus					
154	H	6-10	29,549	985	864
Landhope Farms					
588	H	5-01	26,227	623	803
633	H	4-07	29,086	727	810
Duane & Carolyn Eberly					
35	H	3-02	28,207	1120	983
Robert A. Miller					
26	H	0-00	25,783	871	810
I Lamar Horst					
11	H	6-08	25,669	832	848
130	H	4-00	23,050	868	820
Dale Davis					
Karolyn	H	4-02	26,944	1044	849
Moko	H	4-03	24,230	864	826
Melwood Farm					
Valery	H	3-01	22,939	954	812
Breck-A-De Farm					
198	H	6-02	27,198	1096	874
84	H	5-07	27,904	1016	885
60	H	5-02	27,494	798	839
Hoopes T. Yarnall					
39 F	H	7-00	24,155	1000	836
Calvin Blank					
Faye	H	4-01	32,823	1111	963
Per-Valley Farm					
77	H	7-05	28,994	1068	809

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Computer To Trouble Shoot Mastitis Problems

UNIVERSITY PARK (Centre Co.) — An expert system being developed at Penn State may help dairy farmers reduce costs and increase profits by helping them diagnose and control mastitis, the costliest disease of dairy cattle.

By reducing milk production ruining udder tissue and even killing dairy cows, mastitis costs an estimated \$2 billion in North America each year.

"Mastitis causes estimated losses of \$200 per cow every year," said Dr. William Heald, professor of animal science in Penn State's College of Agricultural Sciences. "It cuts farm income and lowers milk quality, cheese yield and shelf life.

"By minimizing mastitis, dairy farmers can increase milk production and reduce veterinarian and drug expenses, leading to increased farm income levels."

Heald began developing the Bovine Mastitis Diagnostic Expert System in 1991. A final version, intended for use on IBM personal computers, may be available as early as fall 1993. The expert system analyzes DHIA data and responds to descriptions of symptoms. Using this information, the system analyzes the problem and suggests a potential solution.

The system has three main components. An information module contains data on mastitis

pathogens, infection methods, somatic cell counts, economic losses, mastitis control procedures and more. "The system uses this information to analyze on-farm problems," said Heald, "but it also will display this basic information for farmers who wish to learn more about mastitis in general."

The other two modules allow producers to analyze mastitis data by either the entire herd or the individual cow. "By asking the farmer questions and using DHIA data, the system tries to determine which pathogen is most likely to be responsible for the problem and then makes recommendations," Heald said.

The system contains informa-

tion on causes and controls for the two main types of mastitis, clinical and subclinical. "Clinical mastitis symptoms, including lumpy or watery milk, fever, depression and lack of appetite, can be detected easily," said Heald. "But only 5 to 10 percent of mastitis cases are clinical."

Subclinical mastitis, which has no apparent symptoms, is the most common form of the disease, affecting between 30 and 50 percent of dairy cows. "Subclinical mastitis causes the greatest overall milk loss because it's so hard to detect," Heald said.

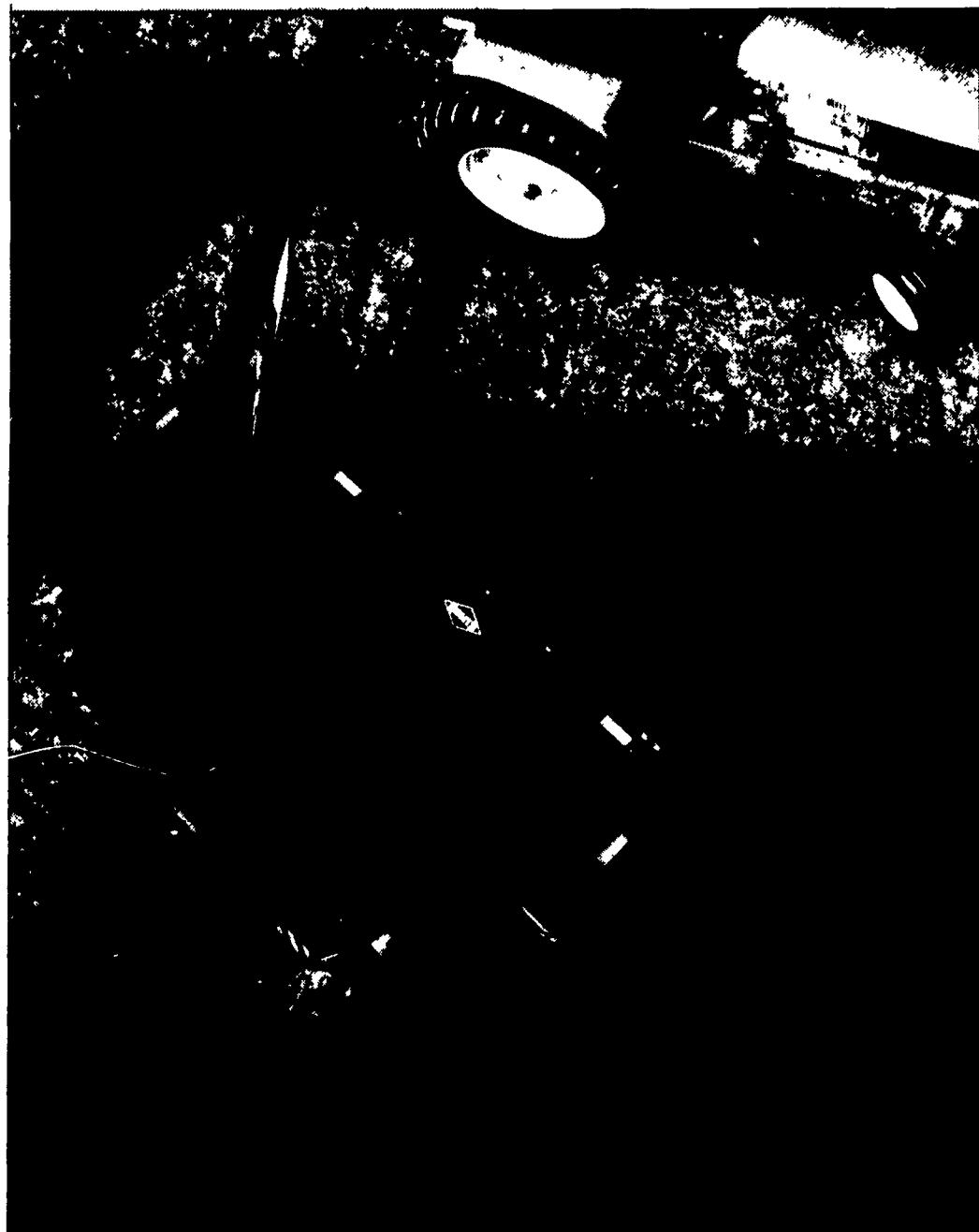
"In an average herd, 30 to 40 percent of all cows may have subclinical mastitis. But without visi-

ble symptoms, a cow's milk must be tested to determine whether a subclinical infection exists."

With DHIA data about a cow's somatic cell count, farmers can use the expert system to analyze the possibility that a cow has subclinical mastitis. "If more subclinical cases could be detected early on, dairy producers could stop losing money to decreased milk production," Heald said.



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Six Pa. Bulls To Test

DEFOREST, Wis. — A Midwestern-based artificial insemination business has recently announced its selection of six young Holstein sires from Pennsylvania for a sire testing program.

American Breeders Service, from DeForest, Wisconsin, announced that the Pennsylvania bulls, including three from Penn-Col Farms in Millville, are to join other young dairy bulls being tested this year through the company's Progeny Test Program. Their semen is to be distributed within contracted herds across the U.S.

After a 4-year wait, their progeny is to be evaluated and a decision made as to whether or not the bulls qualify to join the company's elite sire lineup.

29 H7162 Nu-Vision Montana-Et *RC, bred by Plum Hill Holsteins and G. Sheypuk of Jermyn, is an An-Joy Crescendo-Red son from Valhalla Rex Marla, a high indexing Bell Rex daughter that produced more than 24,500 pounds of milk as a 2-year-old with 3.5 percent protein.

Montana's dam is backed by an Excellent-90 Chief Mark daughter and is a third generation of Excellent mammaries.

29 H7370 Dream-On Harvard-tw-Et, bred by Gary and Barbara Lentz of Lebanon, is a Madawaska Aerostar son from Dream-on Blackstar Harmony, a Blackstar daughter with a high CTPI index. Harvard's dam is backed by an Excellent-90 Chief Mark daughter with records exceeding 32,000 pounds of milk and 3.4 percent protein. Harvard's sire sequence includes Aerostar, Blackstar, Chief Mark, and Tradition.

Penn-Col Farms of Millville bred three bulls which were selected for testing by ABS.

29 H7303 Pen-Col Eureka, is a Long-Haven Tradition Perry-ET son from Mikal Rotate Eula-Et, a young Rotate daughter that is scored Very Good-85.

Eureka's dam is a direct descendant of the Mikal Glendell Topsy family, the same family that has produced outstanding sires, such as 29 H5251 Tyler and 29 H6106 Ebenezer.

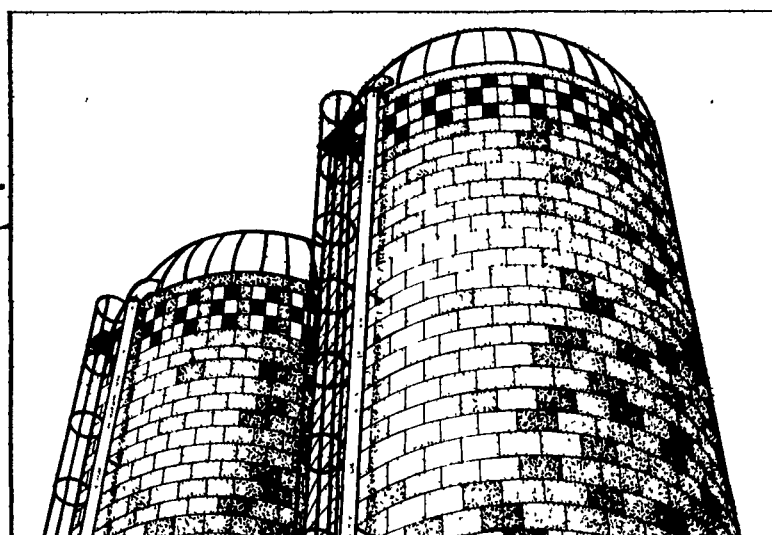
29 H7294 Pen-Col Marshall-Et is a Tesk-Holm Valiant Rockie son from Pen-Col Cleitus Mandy, a Very Good-85 Cleitus daughter that produced more than 24,000 pounds of milk as a 2-year-old.

Marsh's dam is backed by an Excellent Chief Mark daughter with an Excellent mammary and 3.4 percent protein. The first four dams in Marsh's pedigree average 89 points.

Also, 29 H7292 Pen-Col L Donato-ET, is a Rothrock Tradition Leadman son from Pen-Col Blackstar Donita-ET, a Very Good-86 Blackstar daughter from the great Deena cow family.

Donato's dam is backed by an 87-point Ned Boy sister to 29 H6060 Dixieland (+997 TPI). Donato is one of the earliest Leadman - Blackstar crosses available.

Weaverline Holsteins of Myers-town, bred 29 H7372 Weaverline Tesk Energy-Et, a Tesk-Holm Valiant Rockie son from Weaverline Balckstar Eva-ET, a high indexing Blackstar daughter. Energy's dam is backed by an 88-point Chief Mark with an Excellent mammary.



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Pa.DHIA Receives High Scores

(Continued from Page A1)

ceeding the quality standard set by the national association.

This recent evaluation indicates that PA DHIA has made a serious commitment to providing quality services throughout the organization for all members, regardless of their location in the state. It is the result of a conscious decision last year by the board and staff to pursue the highest quality of services possible through a program called Total Quality Management, a pro-

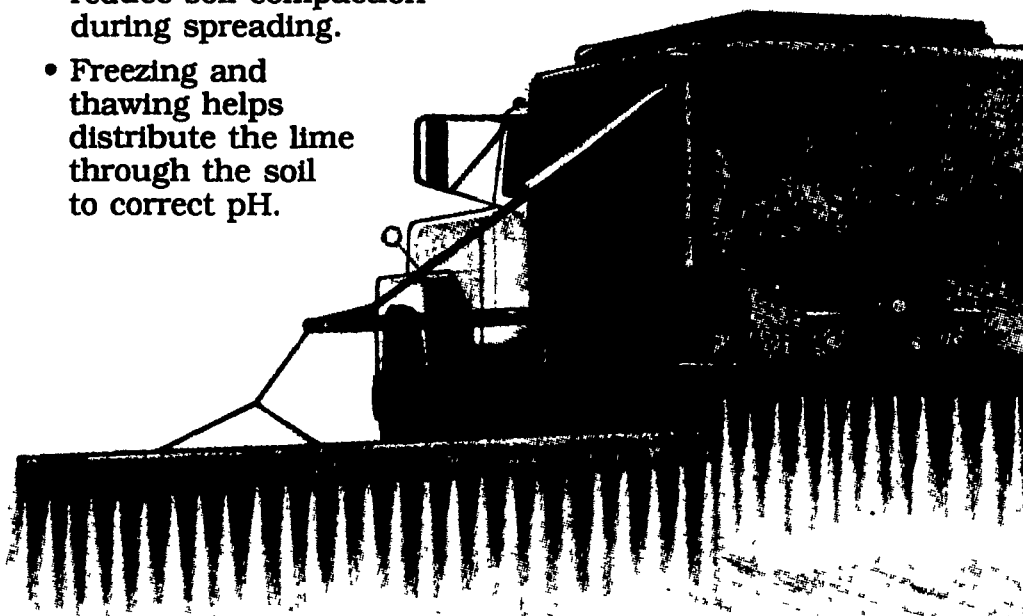
gram used by many corporations to involve all employees in the pursuit of high quality products and services.

In the report prepared by Kaylene Corcoran of National DHIA, Pennsylvania DHIA staff, management and board members were commended for their professionalism and commitment to quality services for all dairymen.

The results of this year's evaluation should be a source of reassurance and pride for Pennsylvania DHIA members.

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Mifflin Extension

(Continued from Page A1)

for serving at least 5 years on the Extension Committee.

While the 1992 Annual Report was distributed, Filson drew attention to staff reports and program highlights, the Mifflin County Census Profile, the College of Agricultural Sciences 1993 Strategic Plan Update, and the Report of the College Update, and the Report of the College Future

Committee, on which Filson had the honor of serving.

Regional Director Mary Jo Depp recognized Deb Durst for 5 years of service as secretary in the Mifflin County Extension office, and Jane Beightol, Family Living Extension Agent, for 20 years of service.

In introducing Dr. Hood, Filson stated that with research, extension, and resident education all

Convenience Rather Than Diet

(Continued from Page A18)

products should be used in a beneficial way for agriculture, in a productive way," said Byrne. Up until 1985, the company was treating the products as waste material, and much of it ended up in landfills. "But (Herr) always thought it should be able to be used and, in particular, in the beef cattle."

So Herr purchased the farm. At the time, Byrne's family moved from operating an Angus semen supply business in Virginia and took over the day-to-day operations of Herr Angus. Not long after, the seedstock operation was dissolved and the way was made for only feeder cattle.

About 80 percent of the cattle are sold to Moyer Packing and the remainder to local markets and as freezer beef.

As for the feed, the unused potatoes are "primarily an energy source," said Byrne. "It runs very similar in energy value to corn silage." The feed is given on full feeder at a level of 15 pounds per head per day, which translates into about 6-7 dry pounds per day.

Mix provides energy

The "party mix," from a feed standpoint, according to Byrne, provides more energy than corn because of the oil content.

Whatever feed materials remain are sold to nearby farms.

Water is used at Herr Snack Foods at a rate of 100,000-110,000

gallons in peeling 400,000-500,000 pounds of potatoes per day. A special water treatment plant filters and prepares the water for potato washing. The used water is piped and used to irrigate the fields on the farm. The water cycles through the ground back to the wells, from which it is pumped and used again.

That kind of "long-range" planning is part of the Council's objectives as well.

Long-range plans

"One of the things that the Pennsylvania Beef Council has taken on is the last year or so is a long-range planning committee, where a lot of things are being looked at for long term that would help other cattlemen to get more bang for their buck," he said. One of those areas is helping cattle producers utilize more existing grass lots, of prime consideration because of their abundance in the state.

Also, an issues management task force has been put together using selected "issues experts" as ports of call, so to speak, for concerns raised about the beef industry.

But providing the all-important beef promotional efforts will top the list of concerns for the future.

"The total focus of the Pennsylvania Beef Council is to spend that dollar checkoff in a way that will promote the sales of beef," Byrne said. "That's our goal."

ving for limited resources and monies, Extension has fared well under Dr. Hood's leadership.

Hood then elaborated on the future of Extension, how society has changed, and what Extension's response should be to that change in the make-up of clientele.

To be effective, Extension programs must focus on issues that are important to the 12 million rural and urban people across Pennsylvania. Pennsylvania has the largest rural population of any state in the Union (3.7 million), but also has the 4th largest urban area. This presents a serious challenge to creating Extension programs that target the general public.

As for agriculture, Hood said Extension must help agricultural producers be more efficient managers. Programs should address current issues such as pest management, governmental regulations, neighbor relations, and environmental issues.

Hood emphasized Extension's tremendous potential in reaching the 125,000 kids in 4-H and their friends with programs on self-esteem, leadership, and life skills. Youth development, Hood said, is an area Extension must be tuned in to.

Community and economic development is particularly important in rural areas as well as leadership development.

As for families, Hood relayed these changing facts. In the 50s, families consisted of one wage earner with both resident parents.

Now, only 8% fit the description. Extension needs to address family social and economic well-being issues sensitive to families in various situations.

Hood also mentioned water and food supply and quality as current issues.

Hood elaborated on the College Future Committee and its report. Formed in response to the President of Penn State's request to modify or eliminate non-critical programs across the university, the College Future Committee's purpose was to develop a plan for reshaping the College to enable it to bring programs in balance with appropriated resources.

The Committee recommended:

- Reducing or modifying programs duplicated by the private sector, in other states, or by public agencies such as exercise programs, elderly caregiving, dairy genetics, housing, weightloss, tourism, and more.

- Interest in minor commodities will be reduced or modified, such as domestic game birds, income tax preparation, rabbits, irrigation, textiles, and others.

- Programs will be modified, reduced, or eliminated where resource allocations are disproportionate to the requirements of other priority programs or where appropriate cost sharing is not provided, such as drinking water clinics, farm safety, 4-H activities and events, poultry, school enrichment, and small fruit production, except grapes.

The College Future Committee

recommended enhancing programs that focus on commercial agriculture, rural economics and community development, youth development, and/or resource-stressed and minority families and individuals. These include Hispanic-American/Latino family programs, leadership development, resource-stressed/low literacy audiences, youth development, animal housing, forest resources, ornamental horticulture/floriculture, rural economics and community development, volunteers, and water quality.

Hood stressed the need for rural economics and community development because \$.62 of every dollar of income comes from off-farm sources.

In other areas, Hood expressed concern for timely research upon which Extension programs are based, and relevant undergrad education to attract students. In the mid 50s, 80% of the undergrads in agriculture at Penn State were from farm backgrounds. Now only 15% have ag backgrounds.

Hood asked for more acceptance of technologies in delivering educational programs such as computer networks and satellite technology, as well as cooperation in drawing programs from other states and from specialized extension agents.

The event concluded with election results with Joan Yoder as President, John Czerniakowski as Vice President, Vivian Mowery as Secretary, and Helen Kirk as Treasurer.

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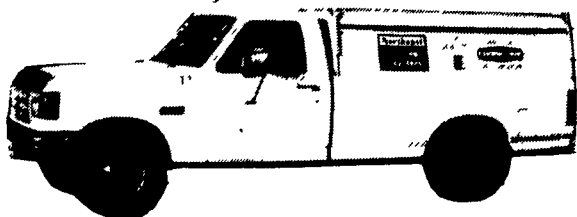
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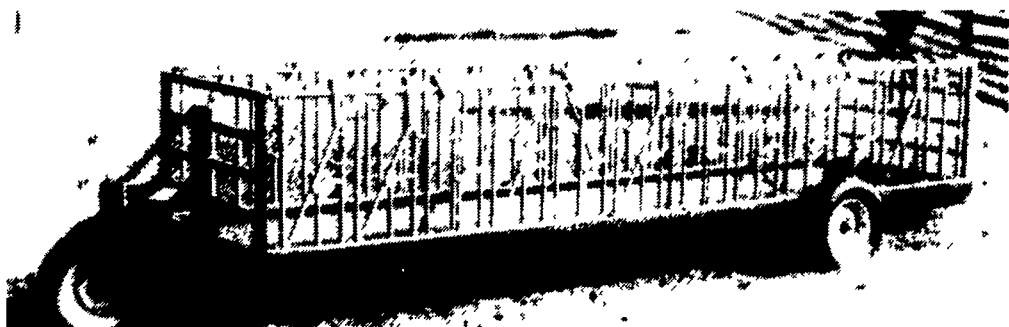
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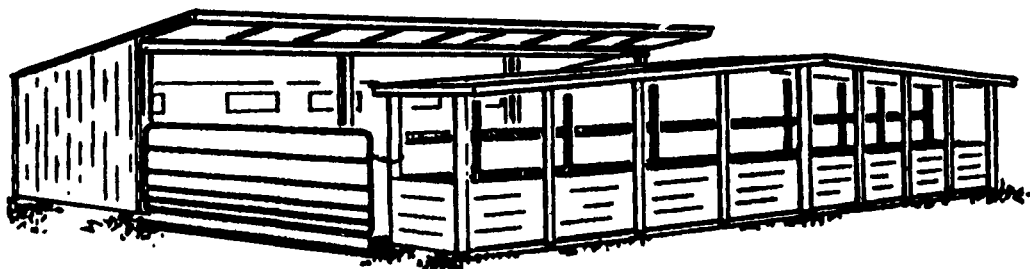
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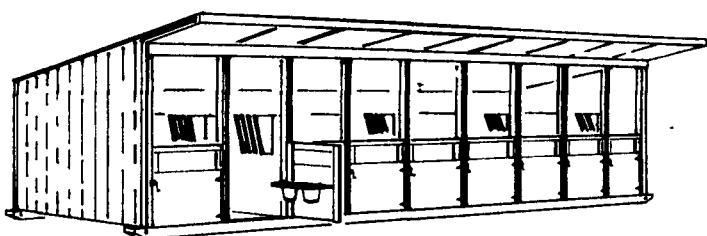
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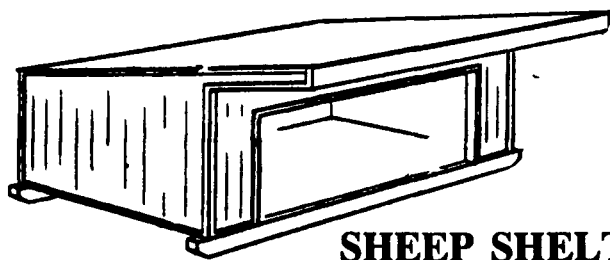
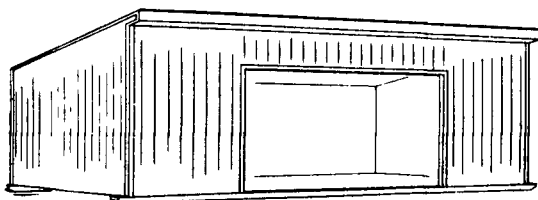
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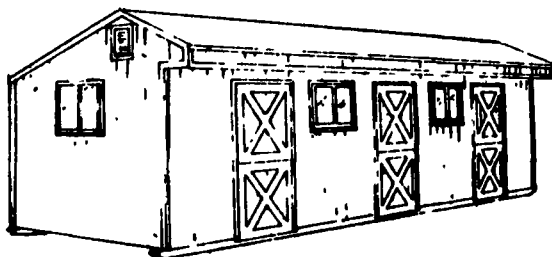
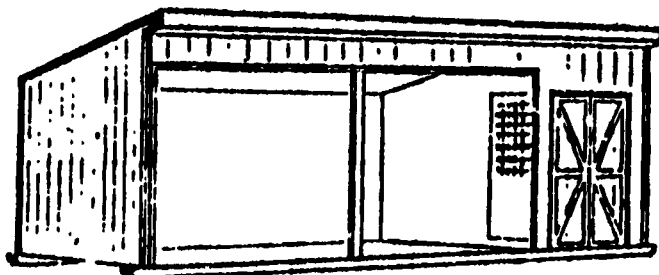
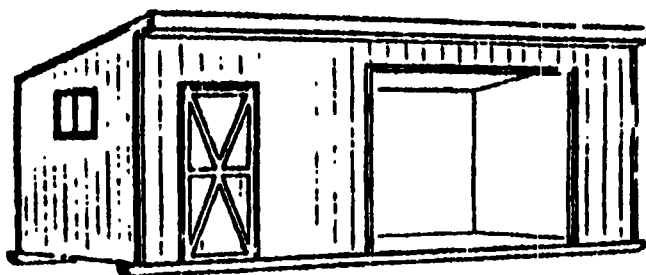
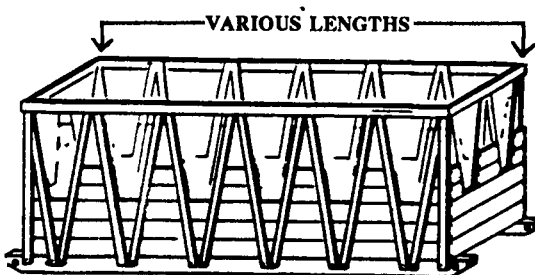
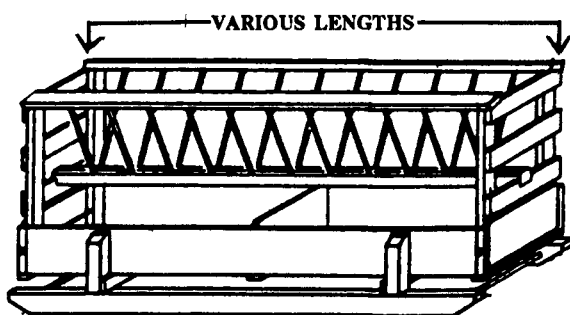

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1993 Animal Housing Expo Looks For Exhibitors

UNIVERSITY PARK (Centre Co.) — The 1993 Animal Housing Expo will be held July 13-14 at the Lebanon Fairgrounds in Lebanon County.

"The Animal Housing Expo is an opportunity for livestock, dairy and poultry producers in the Northeast to learn about available building supplies, livestock equipment and services," says general chair Daniel McFarland, associate extension agent for Penn State Cooperative Extension in York County.

More than 1,400 people attended last year's expo to learn more about building and remodeling considerations, computerized ventilation systems, dairy calf and heifer housing, calf weaning hutches, freestall designs and beds, hazards to farm workers and nutrient run-off from farms.

The 1992 Animal Housing Expo featured 28 commercial exhibits and many educational displays. The expo committee plans to increase this year's exhibitor participation to fully represent dairy, livestock and poultry housing concerns.

The committee is seeking exhibits on building designs and materials, healthy and comfortable animal environments, materials storage and handling, animal handling equipment and labor efficiency.

Businesses and individuals interested in exhibiting at the 1993 expo should contact exhibit committee chair Leon Hoover, 410 East Lincoln Avenue, Myerstown, PA 17067, (717) 866-7565.

In addition to commercial exhibits, there will be a variety of denominations and discussions. Last year's event featured discussions on remodeling as opposed to new construction, site selection and building location, lenders concerns, regulations, animal environment and well-being and manure management. Nationally recognized experts are currently being scheduled to address various animal housing issues.

The event will be conducted by Penn State Cooperative Extension in cooperation with local agribusinesses.



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Pa.DHIA Announces Annual Meeting

STATE COLLEGE (Centre Co.) — Pennsylvania Dairy Herd Improvement Association's 5th annual meeting of the corporation is set for March 19-20, at the Radisson Hotel Pittsburgh in Monroeville.

The Radisson is only 20 minutes from the heart of Pittsburgh, directly located adjacent to the Monroeville Mall and Greater Pittsburgh Expo Mart.

All Pa. DHIA members are invited to this informational meeting.

Last year was the first time Pa. DHIA traveled outside of State College for the corporate meeting. Again this year we plan to travel to meet the members.

In March we had a favorable turnout of 250 attending members, state DHIA leadership, and representatives of the dairy industry. We anticipate this year's attendance will increase.

Fayette, Washington, and Westmoreland counties have agreed to host this year's Pa.

DHIA Annual Meeting.

With the counties assistance, we plan to feature a trade show to take place parallel the meeting, a spouses' program offering creative craft ideas chaired by Mrs. Adam Derr, an awards banquet focusing on this year's success, a Hawaiian dinner theatre for your entertainment, and a meeting that will focus on sharing ideas and building commitment as an association.

The program allows for opportunities to learn more about the association, a chance for the association to understand your needs and concerns, a chance to recognize the past year's accomplishments and the coming year's goals, as well as a time to socialize with other members and representatives of the dairy industry.

Within the next month Pa. DHIA members should be receiving invitations to the 1993 Annual Meeting. Plan now to attend the meeting to represent your leadership ideas for the association.

Pa. DHIA workshops are beginning to take place across the state. You need to decide if one of the dates and places will work into your schedule.

The workshops can be scheduled through your regional manager or technician, or by calling the state office at 1-800-344-8378.

The topics that seem to be the most popular are the Herd Summary II, Unbundling of the reports, Somatic Cell Count and Dairy Comp 305, and the laptop computers.

Members will be able to bring their own reports and ask questions. Winter workshops for members can help to appreciate the value of the data that's printed on each of the reports.

You will be able to keep abreast of the dates, times and places of the meeting and we would encourage you, if one is not scheduled in your area, to inquire about getting one scheduled.

The meetings have taken place as kitchen meetings to meetings in a particular location or even by circuits initiated by your technician. We are also able to do larger group settings. Most recently, we had a group in Lebanon County and was attended by DHIA members and non-members, plus feed consultants, veterinarians, farm credit personnel and other agribusiness people.

Everyone had a chance to ask questions pertaining to the reports and participate in seeing the various reports that can be generated using the laptops and Dairy Comp

SCHEDULE OF EVENTS FOR PA DHIA

1993

Jan 1 PA DHIA Service Center Closed
Jan 4 Bedford County Committee Meeting 8:00 PM
Jan 5 Mercer County Annual Banquet 12:00 PM
Jan 5 Perry County Workshop
Jan 6 - 7 PA DHIA State Board of Directors
Jan 18 Crawford County Annual Banquet
Jan 18 Westmoreland County Annual Banquet/Workshop 10:00 AM
Jan 21 Lancaster Unit of State DHIA Annual Banquet
Jan 26 Central District, Family House, Mifflintown 9:30 AM - 3:00 PM
Jan 27 Schuylkill County Information Meeting/ Workshop 10:00 AM
Jan 27 Schuylkill County Annual Banquet 12:00 PM

Feb 2 Bradford County ARIS/DC305 Workshop, Extension office
Feb 4 Indiana County ARIS Workshop, Extension office 1:00PM - 3:00PM
Feb 4 Indiana County DC305 Workshop, Extension office 7:00PM - 9:30PM
Feb 8 Southeast District, Berks Co. Ag Center, Leesport 9:30AM - 3:00PM
Feb 10 Southwest District, Ramada Inn, Somerset 9:30AM - 3:00PM
Feb 11 Northwest District, Venango Co. 4-H, Franklin 9:30AM - 3:00PM
Feb 12 Northeast District, Towanda Elks Club, Towanda 9:30AM - 3:00PM
Feb 16 Crawford County DC305 Workshop, Extension office 1:00PM - 3:00PM
Feb 16 Crawford County ARIS Workshop, Extension office 7:30PM - 9:30PM
Feb 19 Franklin County ARIS Workshop, Extension office 12:30PM - 3:00PM
Feb 24 Chester County DC305 Workshop, New Bolton, 1:00PM - 3:00PM
Feb 24 Chester County ARIS Workshop, New Bolton, 7:00PM - 9:00PM
Feb 25 Berks County ARIS Workshop, Ag Center, 1:00PM - 3:00PM
Feb 25 Berks County DC305 Workshop, Ag Center, 7:00PM - 9:00PM

Mar 3 Montour County DC305 Workshop, Extension office, 1:00PM - 3:00PM
Mar 3 Montour County ARIS Workshop, Extension office, 7:30PM - 9:30PM
Mar 4 Centre County DC305 Workshop, Pleasant Gap Grange 1:00PM - 3:00PM
Mar 4 Centre County ARIS Workshop, Pleasant Gap Grange, 7:30PM - 9:30PM
Mar 9 York County DC305 Workshop, Extension office, 1:00PM - 3:00PM
Mar 9 York County ARIS Workshop, Extension office, 7:00PM - 9:00PM
Mar 11 Butler County ARIS Workshop, Extension office, 1:00PM - 3:00PM
Mar 11 Butler County DC305 Workshop, Extension office, 1:00PM - 3:00PM
Mar 19 - 20 1993 Annual Meeting, Radisson Hotel, Monroeville, PA
(* All members are invited to attend.)

Mar 19 - 20 PA DHIA State Board of Directors, Monroeville
(following the Annual Meeting)

Mar 25 Cumberland County DC305 Workshop, Extension office, 1:00PM - 3:00PM
Mar 25 Cumberland County ARIS Workshop, Extension office, 7:00PM - 9:00PM

Apr 7 - 8 PA DHIA State Board of Directors, State College

July 7 - 8 PA DHIA State Board of Directors, State College

Oct 5 - 6 PA DHIA State Board of Directors, State College

Directors Clarify Position On Value Of Records

STATE COLLEGE — The Pennsylvania Dairy Herd Improvement Association Board of Directors recently clarified its position with regard to a controversial issue in the industry. The issue has been visible in the media during the past year and has become known as the value of records issue.

In stating its position, the Pennsylvania DHIA Board made it clear that they support the general

DHIA position that other organizations benefiting from the use of DHIA information should begin taking more responsibility for the cost of collecting and producing the information. With increasing pressure to allow more competition in the DHIA records business and more competition due to technology advances in computing, all DHIA's are hard pressed to find the resources needed to continue to provide high quality services to

members. This is an issue that ultimately affects all organizations using DHIA data, not just DHIA.

Contrary to some reports in the media, however, the Pennsylvania DHIA does not and has not advocated the withholding of Somatic Cell data from the USDA or from AI organizations in order to achieve a resolution to the value of records issue. PA DHIA has provided SCC data to the USDA for

several years and agrees with those who say that progress for the dairy farmer through the use of somatic cell data in bull evaluations should not be held up on account of another issue like the value of records debate.

On the contrary, PA DHIA believes that members should benefit from their participation in the program in every possible way. To withhold SCC data from bull proofs would certainly hurt the

DHIA member and other dairy producers as well, which is not in keeping with the association's mission to provide the best possible service for a reasonable price.

Only by keeping its sights firmly set on helping Pennsylvania DHIA members stay competitive through increasingly effective use of DHIA information can the association meet the challenges of the future.

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.31 BU. 4.13 CWT.

Wheat, No. 2 - 3.28 BU. 5.48 CWT.

Barley, No. 3 - 1.71 BU. 3.66 CWT.

Oats, No. 2 - 1.52 BU. 4.74 CWT.

Soybeans, No. 1 - 5.30 BU. 8.85 CWT.

New Ear Corn - 52.83 TON 2.69 CWT.

Alfalfa Hay - 121.75 TON 6.09 CWT.

Mixed Hay - 112.50 TON 5.63 CWT.

Timothy Hay - 140.50 TON 6.01 CWT.

Cheese, On-Farm Prices Slump, Refunds Offer Help

TOM JURCHAK

Lackawanna Co. Extension Agent

UNIVERSITY PARK (Centre Co.) — It could have been all that milk diverted from fluid to manufacturing use over the Thanksgiving holiday, or that the supply pipeline was full for Christmas, or cheese buyers wanted to just wait-and-see until the new year, or all of the above, but cheese prices slumped more than 4 cents on blocks and 3 cents on barrels on Dec. 4 at the National Cheese Exchange.

That was the largest drop in 10 weeks, but that's as far as they went. There was no more change up to Dec. 11, however, with the support price at \$1.12 a pound for blocks, the new market price of \$1.20 puts it within the range of sales to Commodity Credit Corporation (CCC).

When the market price of butter, powder or cheese drops to 110 percent of the support price, CCC will accept bids for sales to the government. And that's what happened already with a Western processor selling over 98,000 pounds for the first block cheese purchase by CCC in 20 months.

There's good reason for a wait-and-see attitude from dealers. There's a lot of uncertainty.

For example, milk production is still up 3 percent in October; there is the uncertainty of how USDA will adjust butter-powder prices in January; also is the question of who will be the head of USDA next year.

There are other questions, such as, will there be a support price charge? What will be the effect of feed quality and prices on production? And finally, how fast will producers react to lower milk prices?

Here They Come

Lower prices at the farm are here already, following the Minnesota-Wisconsin Price Series that started down in August.

With the help of cheese prices fading, the M-W dropped another 21 cents to \$11.84 for November. That's a loss of 75 cents in four months and 64 cents less than last November.

Even if cheese prices don't drop further, the M-W price would have to fall lower to make it profitable to sell cheese even to the CCC. Uniform or blend prices to producers in all three federal orders in Pennsylvania dropped below a year ago in November for the first time since late in 1991.

In New York-New Jersey it was 38 cents; in Eastern Ohio-Western Pennsylvania it was 25 cents and in Middle Atlantic it was 41 cents.

New Class Price

Producers and handlers in the Middle Atlantic Order will see a new class of milk in their November pool. In the past, there were only two classes of milk: Class I for fluid use and Class II for everything else.

Then Class III was added to include only butter, powder and cheese. Now you have Class IIIa for butter and powder, and Class III for cheese.

Class III is calculated on the M-W price, but Class IIIa is determined by local butter and powder prices and the cost of making skim milk into powder.

In the Northeast, only the New England and Middle Atlantic orders will have this new class.

In New England it will be \$11.06, and in the Middle Atlantic order it will be \$11.08. This compares to \$11.90 and \$11.92 for Class III milk in those marketing areas in November.

The change will affect the blend price depending on the amount of milk going to butter and powder that month. The change was requested to reflect the product price differences and was expected in all federal orders.

Refunds Ready

Don't forget to apply for your assessment refund as soon as you have your December milk check.

Your local ASCS office is ready with forms if you shipped less milk in 1992 than you did in 1991. It may be the best Christmas present you get in January.

Happy holiday.

Top Producing Herds In Pennsylvania DHIA For November

The highest protein producing herds in Pennsylvania above 750 lbs. for November are listed as follows:

NAME	R.D. OR STREET	TOWN & STATE	BRD	-----ROLLING HERD AVERAGE-----					PRO
				NO.	PCT	MILK	3	FAT	
				COWS	DIN	LBS	X	LBS	LBS
HIDDENVIEW HOLSTEINS	R D 1 BOX 65	ROBERTSON PA	3	70.8	88.8	25738	918	833	
GLENN B GOCKLEY	R D 2	MONMOUTH PA	B3	51.2	89.9	25027	793	811	
DAVIES FARM	20 MILLER RD	KUTZTOWN PA	3	64.8	88.0	23854	853	777	
MERVIN BRUBAKER	R R 1 BOX 484	WOMELSDORF PA	3	72.0	86.3	24448	870	777	
JUNGE FARMS	RAY MOYER BOX 1533	R R 1 NEW TRIPOLE	3	88.7	88.4	23948	908	775	
GLENN BRUBAKER	R D 1 BOX 187	WOMELSDORF PA	3	70.0	86.5	23688	838	774	
KARL R HAFER	2391 LINEKILN RD	DOUGLASSVILLE PA	B3	190.6	85.1	23490	810	759	
ZACHCROFT FARM	R D 1 BOX 156	WOMELSDORF PA	3	57.4	92.0	23137	818	751	
FREDERICK FARMS	R D 1 BOX 384	MARTINSBURG PA	B3	86.0	87.9	24638	1011	762	
MARTIN STAYDONAR	R D 1 BOX 390	MARTINSBURG PA	B3	51.7	89.8	25519	926	757	
SCOTT LYNN COOK	R D 2 BOX 427	ROME PA	B3	43.2	87.3	26833	1017	850	
ROB&DORNA VANBLARCON	R D 2	COLUMBIA X ROADS	B3	76.9	87.7	26936	888	835	
MATT WILL B&W	BILL&GINNY DAVIS R 2	TROY PA	3	64.0	86.4	25314	890	807	
BRAUND VALLEY FARMS	RD 3	TROY PA	3	100.7	86.8	24063	907	767	
WILFORD KINSMANSON	R D 3	TROY PA	3	100.4	87.8	23655	936	763	
MATT WILL B&W	BILL&GINNY DAVIS R 2	TROY PA	B9	21.4	82.9	23764	845	761	
BEN & DEAN JACKSON	R D 2	COLUMBIA CROSS RD	3	78.2	87.7	23564	899	754	
DELAWARE VAL COLLEGE	OF SCIENCE & AGR	DOYLESTOWN PA	3	37.1	93.8	26194	989	851	
DAVID&SHARON BISHOP	R D 5 CURLY HILL RD	DOYLESTOWN PA	3	107.1	89.9	24002	835	757	
TRINCA FARM	R D	REBERSBURG PA	B3	61.8	85.3	24850	903	783	
JAY HOUSER	R D 2	SPRING MILLS PA	3	72.5	89.2	24353	937	760	
GRAHAM'S FARM	RD 1 BOX 101	PORT MATILDA PA	3	102.0	87.8	23869	854	758	
BILL & JENNIE STRUBLE	R D 2 BOX 233	BELLEFOURTE PA	B3	33.7	87.2	24096	835	750	
MELWOOD FARM	RD 3 370 FAGGS MANOR	COCHRANVILLE PA	3	43.9	88.7	25941	1032	861	
DUNWOOD FARM	2700 NEWARK ROAD	OXFORD PA	3	56.4	89.2	24515	980	794	
MARILYN&DUANEHERSHEY	R D 1	COCHRANVILLE PA	3	72.6	85.1	24540	870	792	
CHARLES J MOORE	R D 2	COCHRANVILLE PA	G3	52.1	85.2	25432	775	776	
CHRIS&CHES STOLTZFUS	R D 1	HONEYBROOK PA	3	60.2	87.9	23755	874	761	
BRICK-A-DE FARM	301 PENNSGROVE RD	OXFORD PA	3	85.8	89.2	23953	885	760	
KEITH E DECKER	R D 3 BOX 4	KNOX PA	3	57.4	90.5	24049	972	797	
JAN JURBALA	R D 1 BOX 52	ORANGEVILLE PA	B3	33.3	90.2	23329	884	818	
RICHARD KRIEBEL	R D 2	BENTON PA	B3	66.3	89.9	22716	831	753	
WIL-AIRE FARM	R D 2 PAUL MANROSS	SARGERTOWN PA	3	64.4	92.8	24989	819	782	
BLACK POND FARMS	R D 1	SARGERTOWN PA	3	92.4	89.5	24012	961	750	
STEVE & MARY REESE	366 NEWBURG RD	NEWBURG PA	3	32.3	89.8	22631	855	752	
N THOMAS SHEAFFER	130 LERO RD	CARLISLE PA	3	61.4	85.9	22968	880	752	
RV & SV HOLLENSHEAD	4747 FT LOUDON RD	MERCERSBURG PA	B3	141.0	90.1	26594	1056	853	
ROBERT E HARWOOD	178 MUSSER RD	SHIPPENSBURG PA	3	117.5	87.6	24478	927	757	
MILOS & SANDY SINAN	26 KIMWICH RD	HOME PA	B3	87.5	90.5	27045	1044	831	
LONDONDALE FARM	R D 6 BOX 364	PUNKSUTANNEY PA	B3	59.4	93.1	25379	949	824	
PAUL&MARK DARLING	R D 1 BOX 171	NICHOLSON PA	3	51.2	88.1	23313	878	751	
JOHN H HOWARD	1831 HANS HERR DRIVE	WILLOW STREET PA	3	38.7	87.5	24820	953	796	
BOB&KAREN GOCHENAU	419 PENN GRANT ROAD	LANCASTER PA	3	57.2	90.4	24807	905	789	
SPRING BELLE FARM	1343 GYPSY HILL ROAD	LANCASTER PA	3	46.1	86.9	23994	918	765	
HENRY D ZIMMERMAN	R D 2 BOX 157 A	HONEY BROOK PA	B3	50.8	86.1	23888	815	760	
J HAROLD FRITZ	1820 WOODLAND AVE	LANCASTER PA	B3	146.5	88.3	23534	891	753	
ROBERT KAUFFMAN JR	1034 PRAMLS HOLLOW	PEACH BOTTOM PA	3	104.5	87.0	22628	870	753	
DARYL & SAM MARTIN	477 COMPASS ROAD	GAP PA	B3	86.6	91.3	23721	842	750	
TROTACRE FARMS	R D 1 BOX 95A	ENON VALLEY PA	B3	38.0	87.6	26016	889	829	
ARNOLD ACRES	R D 2	LEBANON PA	3	60.5	87.8	25423	904	806	
GARY LEWIS	R D 6 BOX 995	LEBANON PA	3	80.7	87.5	23952	900	781	
RAYMON & MARLIN GETZ	440 ELCO DRIVE	MYERSTOWN PA	3	58.3	85.9	23254	906	766	
LOUIS E MARTIN	81 EAST ROSEBUD ROAD	MYERSTOWN PA	G3	48.3	88.8	24192	856	759	
DALE GOOD	R D 1 BOX 110	NEWMANSTOWN PA	B3	88.1	88.7	24500	912	752	
BRUCE R HEILINGER	RD2 BOX344	NEWMANSTOWN PA	B3	14.3	87.1	23042	746	751	
EUGENE W HALL	R D 4	NUNCY PA	3	78.4	93.9	23578	902	817	
ROLLIN&DENNIS JAMES	R D 1	SANDY LAKE PA	B3	46.1	91.2	23493	907	751	
DAVID C YODER	R D 2 BOX 267	BELLEVILLE PA	3	63.1	89.2	23960	925	783	
G SHELTON PEACHEY	HCR 61 BOX 33	BELLEVILLE PA	3	63.6	88.7	23168	877	764	
DARREN&CARTY PEACHEY	HCR61 BOX 26-D	BELLEVILLE PA	3	49.9	91.8	23117	900	755	
CARL R SLATER & SON	R D 9	BLOOMSBURG PA	3	34.2	87.7	25755	926	786	
FRANK MILLER JR	R D 2 BOX 2255	BANGOR PA	B3	54.4	90.6	27659	994	894	
KEYSTONE FARM	1445 RAUBSVILLE RD	EASTON PA	3	91.5	84.0	25245	943	811	
KARL MILLER	R D 2	BANGOR PA	G3	66.4	87.6	25115	783	805	
KLEIN FARMS	410 KLEIN RD	EASTON PA	B3	62.6	87.5	24870	877	792	
EXCELSIOR FARM-FLECK	49 EXCELSIOR ROAD	SCHNECKSVILLE PA	3	77.4	88.9	25248	821	789	
RICHARD W SMITH&SONS	4906 OLD CARRIAGE RD	NORTHAMPTON PA	3	73.0	85.3	22788	857	752	
R M D SHULTZ FARMS	R D 5 BOX 342	DANVILLE PA	B3	87.0	89.6	24573	934	780	
NORTH RUSH HOLSTEINS	R D 5 BOX 342	DANVILLE PA	B8	16.9	88.1	24201	954	767	
DALE HOFFMAN & SONS	BOX 164 STAR ROUTE	SHINGLEHOUSE PA	B3	102.3	91.4	22708	865	770	
IVAJEN FARMS	531	HARRISON VALLEY P	3	98.9	93.2	22590	904	767	
IVAN SHOKER & SONS	R D	GENESEE PA	3	108.5	88.5	23294	931	762	
CARL A FARMS INC	R D 1 BOX 106	PITMAN PA	3	68.1	87.3	27329	965	867	
BRIAN RUCH	R D 1 BOX 2-A-1	ANDREAS PA	3	45.7	91.9	26141	961	851	
JAMES D DUNN	R D 1 BOX 160 M	NEW RINGGOLD PA	B3	53.7	87.6	26963	987	848	
MILLER & REX INC	R D 1 BOX 110	ANDREAS PA	3	34.1	90.0	26424	982	842	
JAMES RODICHOK	200 WICONISCO AVE	TOWER CITY PA	3	70.1	89.4	23667	849	773	
RANDY MILLER	R D 3 BOX 159	TAMAQUA PA	B3	30.2	91.2	22911	848	764	
TIM-LAURIEHACKENBERG	R D 1 BOX 426	MIDDLEBURG PA	3	46.6	90.3	23144	929	751	
NORTH VIEW FARM	R D 1 BOX 106	BERLIN PA	3	95.9	88.9	26307	906	882	
GARY & NANCY LYNCH	R D 1	FRIEDENS PA	3	76.9	89.9	23242	867	771	
STONEWY ACRES FARM	R D 1 BOX 152	BERLIN PA	B3	50.9	91.4	23883	840	768	
GEORGE C STAHL	R D 3	SOMERSET PA	B3	65.4	89.0	23631	933	762	
CARRDALE HOLSTEINS	R D 2	SOMERSET PA	3	89.0	90.2	22973	869	755	
GRANDVIEW FARM	R D 1 BOX 308P	HYNDMAN PA	B3	101.0	90.7	24057	901	755	
RICHARD R HIGLEY	R D 1 BOX 1287	FORKSVILLE PA	3	86.5	88.3	24311	893	784	
ROBERT INSINGER	R R 2425A	DUSHORE PA	B3	56.0	87.8	24032	893	774	
PEASE FARMS	R D 1 BOX 86	SUSQUEHANNA PA	3	78.7	93.5	25702	904	813	
COUNTRY HEAVEN FARMS	R D 1 BOX 211	TUNKHANNOCK PA	B3	101.9	90.2	24886	834	786	
THOMAS TRAYER	R D 3	WESHOPEEN PA	3	24.3	86.8	24235	855	784	
ANDREW HUBAL	R D 2 BOX 84	THOMPSON PA	3	61.5	90.1	24612	945	774	
EMERY-RICK DAVIS	R D 2 BOX 67	MIDDLEBURY CENTER	B3	57.0	87.3	23827	870	777	
GOR-WOOD-D	R F D 2	MANSFIELD PA	3	170.0	85.6	23305	840	752	
BUFF RUN FARM	R D 2 BOX 518	LEWISBURG PA	B3	45.7	88.5	23831	931	767	
RANKIN FARM	R D 2	BURGETTSTOWN PA	3	21.6	89.8	24340	912	779	
DAVID MATTOCKS	R D 3 BOX 271	TUNKHANNOCK PA	3	43.6	87.1	24698	905	791	
SHYSERS RICHMAN FMS	2691 EAST BERLIN RD	YORK PA	3	75.7	88.6	25863	914	793	
LYNN WOLF	R D 1	ABOTTSTOWN PA	3	87.2	89.5	24571	807	792	

Chester County DHIA Starts Reports

(Continued from Page A19)

demonstrations on milking equipment checks, stray voltage and proper cow-side practices. A local veterinarian will present the afternoon segment on mastitis control, antibiotic testing, and other dairy-related vet practices.

Other programs include Crops

Day with pesticide update credits on Jan. 26 at East Brandywine Fire Hall, Guthriesville, and a tractor safety program in April at Octorara High School for youth and other concerned farmers.

Mark the dates on your calendar and contact the Chester County Extension office for more information and to make reservations.

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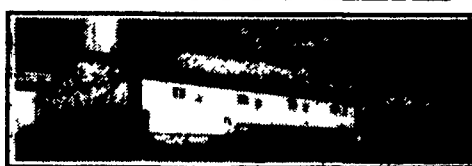


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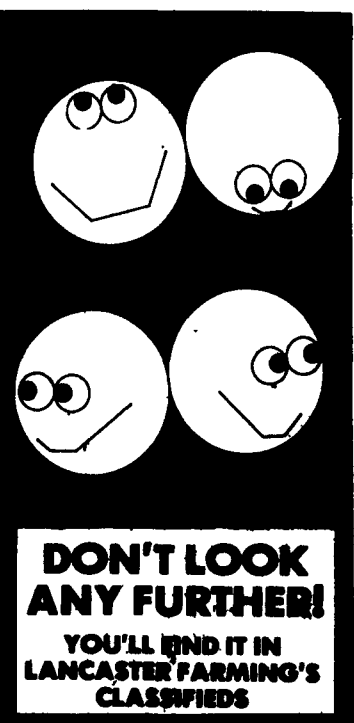
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Lebanon Livestock Club Prepares For Farm Show

VERNON ACHENBACH, JR.
Lancaster Farming Staff
NORTH CORNWALL (Lebanon Co.) — The Lebanon County 4-H Livestock Club finished up their year's activities Tuesday with its annual Winter Roundup show and sale, held at the Lebanon Area Fairgrounds.

Kenneth Winebark, county extension agent, said the show and sale was a large success, with area business representatives estimated at paying well above market prices for the project market animals.

The sale totaled \$21,315 which was broken down to a total of \$18,675 for the market hogs, or an average of \$150.60 each, which Winebark said, "is about \$50 to \$60 over market price."

The lambs totaled \$1,290, for an average of \$117.27. Winebark said the price represents a price paid about \$20 to \$25 over market.

There were 124 pigs, 11 lambs and one steer shown and sold, Winebark said. He said that more hogs and lambs were shown, while the one steer represents a decrease from a more normal range of three to five animals.

Judges for the show were Ken Fetterolf, of Center Hall, judge of pigs, and William McCauley, Atglen, who judged lambs and steer.

The winter roundup is the last activity for the club prior to the state Farm Show. According to

Winebark, the roundup is held as a preview and support event for club members who plan to go on to show another animal at the Farm Show, and it is also for those who do not go on to the Farm Show, but can use the experience as well.

The youth generally sell what they consider to be either their second best animal or, should they decide to not go to the Farm Show, their best animal, during the roundup.

Aaron Myer, son of Harold Myer, showed the grand champion market steer which weighed 1,260 pounds and sold for \$1,350 to Carlos R. Leffler Inc.

In the market lamb division, Darren Grumbine, son of Dennis and Barbara Grumbine, Myerstown, showed the grand champion market lamb which sold to Lebanon Valley National Bank for \$150. The lamb weighed 107 pounds and had an estimated market value of \$85.60.

Taking reserve grand champion lamb honors was an entry shown by Benjamin Bow, son of Ben and Mary Bow, Annville, which sold to Agway of Lebanon Inc. for \$130. Bow's lamb weight was 91 pounds and had a market value of \$72.80.

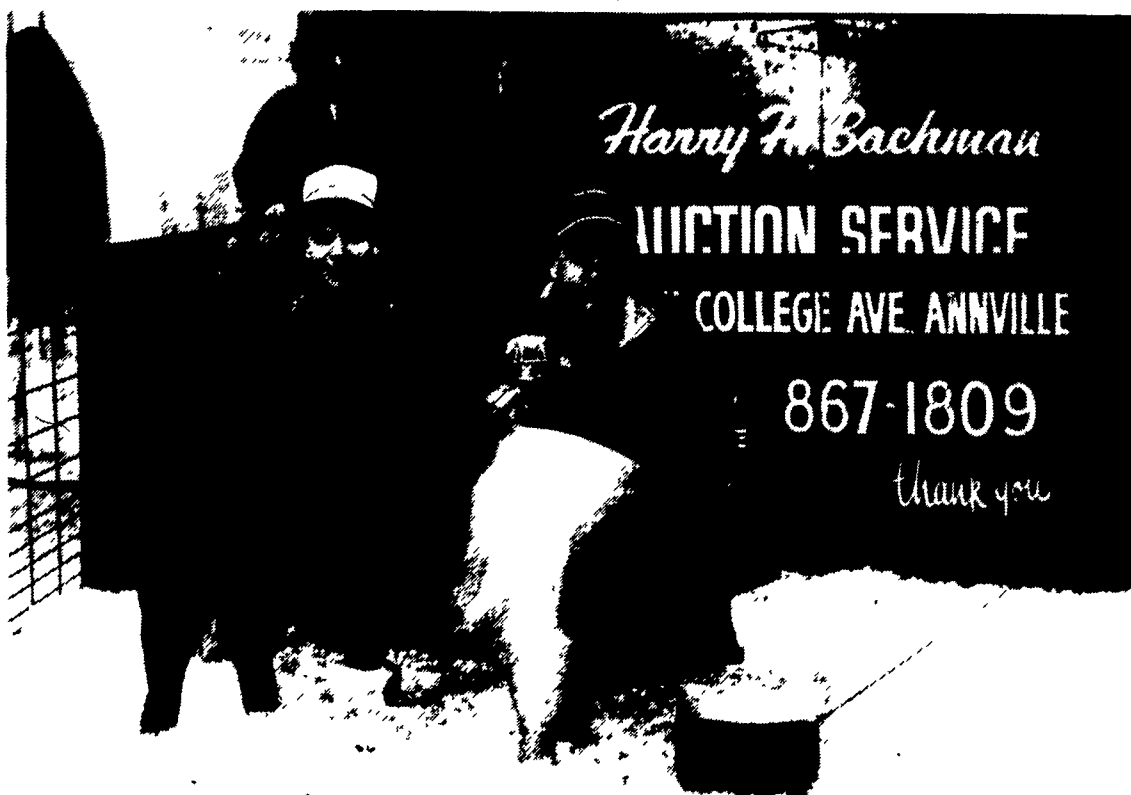
In the hog competition, Jeremy Mase, son of Ken and Irene Mase, showed the grand champion, selling it to representatives of the



Darren Grumbine, holds his grand champion lamb while buyers Terry Hill, John Eaton and Mike Firestone from Lebanon Valley National Bank stand with him.



Aaron Myer holds his grand champion steer while buyer Bob Blecker, vice president for Carlos Leffler Inc., holds the banner.



Jeremy Mase kneels with his grand champion market hog and buyer Doug Clemens, representing Hatfield Quality Meats.

Lebanon Expo Association, which owns the fairgrounds and facilities, for \$550.

The association then placed the 256-pound hog back on the auction block for resale, with the funds going toward the construction of a show building on the fairgrounds. It was then purchased for \$600 by representatives of Hatfield Quality Meats. The hog had an estimated market value of \$106.24.

The reserve grand champion hog was shown by Kara Arnold, daughter of Francis and Penny Arnold. It weighed 255 pounds and was sold to Lebanon Valley National Bank for \$300. It had a market value of \$105.82.

The hog competition also includes breed categories.

Showing the champion Duroc was Chris Kirst. Matthew Bomgardner showed the champion Hampshire. Trisha Berger showed the champion Landrace. Michelle Risser showed the champion Yorkshire.

Wendy Atkins showed the reserve champion Duroc. Jason Krall showed the reserve Hampshire, while Jason Shirk showed the Yorkshire.

Scott Nolt showed the light-heavy champion, while Matthew Bomgardner showed the medium champion and Kathy Bomgardner showed the lightweight champ.

The reserve champion light-heavy weight champ was shown by Jason Krall, while Jamie Risser showed the medium reserve champ and Daryl Bomgardner showed the reserve lightweight.

Winebark said that the livestock club members can be expected to have a strong showing at the state Farm Show, with 53 club members having filed preliminary entries.

The winter roundup helps the youth prepare for the showing and marketing of their animals at the Farm Show, Winebark said. It also helps raise funds to cover costs of raising market animals for show. According to Winebark's estimates, the club members average about four animals being raised for possible showing in the Farm Show.

Funds raised cover the costs of raising the animal, are used to reinvest in future project animal purchases, and are typically also saved for higher education.

The Lebanon club is active year-round. Its annual banquet and reorganizational meeting is scheduled for March. Most of the members do not live on farms, but either have enough land for a few animals, or keep an animal on a neighboring farm. Anyone interested in finding out more about the clubs should contact Winebark at the extension office at 270-4391.



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Doing that little bit of math taught me two things: a new appreciation for what those few extra bushels an acre can mean to my total income and that I'd better plant more of my corn acres to Jacques 7820 next year!

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Beef Council Will Hold Meat Marketing Seminar

HARRISBURG (Dauphin Co.) — On February 4, the Pennsylvania Beef Council and Pennsylvania Food Merchants Association will cosponsor the 4th annual Retail Meat Marketing Seminar.

The location is at Willow Valley Family Resort and Conference Center in Lancaster.

This year's theme, "Designing Tomorrow's Meat Case," looks at the progress and potential of the retail meat department, including new profit opportunities through state-of-the-art efforts by industry researchers.

Topics such as cents per pound pricing, computer assisted retail decision making, and consumer-ready products will be presented by representatives actively involved in meat marketing systems. Speakers include Chef Bubba, nationally renowned for his work with value-added products; Greg Persing, corporate meat merchandiser systems coordinator for Super-Valu, Inc.; Matt Wineinger, director of retail programs for the Beef Industry Council; and Dr. Gary Smith, who holds the Monfort chair in meat, animal, and food sciences at Colorado State University.

Plan now to attend a seminar, which illustrates the leading-edge in meat marketing and cutability research. You'll see firsthand how new merchandising/pricing techniques can be utilized to provide profit opportunities for the retail meat industry.

An innovative retail meat department prototype will be displayed illustrating consumer branded meat products, the newest in packaging ideas, nutritional labeling, and more.

For more information, contact the Pennsylvania Beef Council at (717) 545-6000 or at (717) 731-0600.

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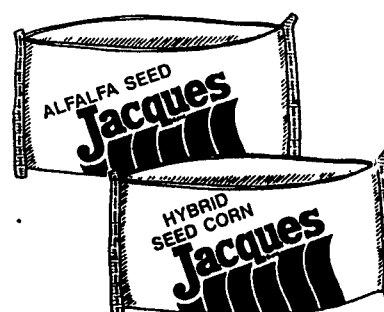
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Top Pennsylvania DHIA Cows By Breed For November

The top protein producing cows in Pennsylvania DHIA Herds for November are listed by breed as follows:

AYRSHIRE

OFarm Name	Co	Herd Index	Barn Name	d	Age	Lact Yr-Mo No.	Type	Actual Production				
								Milk Test	Prot %	Prot Lbs	Fat %	Fat Lbs
OARDROSSAN FARMS	15	525 1398	BIRDEYE	04-04	3	DHIR		25660	3.8	967	4.3	1103
OARDROSSAN FARMS	15	525 1317	BARBADO	05-10	4	DHIR		26765	3.4	913	4.4	1174
OARDROSSAN FARMS	15	525 1292	TRYKATE	06-02	4	DHIR		27959	3.2	903	4.2	1171
OARDROSSAN FARMS	15	525 1257	POAUGHT	07-05	6	DHIR		27806	3.2	889	3.9	1071
OARDROSSAN FARMS	15	525 1314	R-PITAL	07-00	4	DHIR		29233	3.0	889	3.7	1078
OARDROSSAN FARMS	15	525 1283	N-POOLM	06-05	5	DHIR		26163	3.4	884	3.9	1014
OARDROSSAN FARMS	15	525 1334	MS-JOHN	05-04	3	DHIR		25075	3.5	878	4.1	1036
OARDROSSAN FARMS	15	525 1374	J-BEL-R	04-05	3	DHIR		25668	3.4	865	3.7	946
OARDROSSAN FARMS	15	525 1344	T-ROSE	05-03	3	DHIR		26300	3.2	851	3.9	1036
OARDROSSAN FARMS	15	525 1131	BF-VUE	10-04	8	DHIR		24804	3.4	850	4.1	1016
OARDROSSAN FARMS	15	525 1137	CBHOPE	09-11	8	DHIR		23508	3.5	831	4.1	965
OCHARLES-DON GABLE	15	33 343	NANETTE	08-08	7	DHIR		24024	3.5	829	3.4	815
OCHARLES-DON GABLE	15	33 383	KELLIE	06-00	4	DHIR		22217	3.7	821	4.2	929
OCHARLES-DON GABLE	15	33 422	MONACA	04-02	3	DHIR		23306	3.5	820	3.9	919
OARDROSSAN FARMS	15	525 1409	FWIZGIG	03-08	2	DHIR		25788	3.2	818	4.4	1138
OARDROSSAN FARMS	15	525 1523	V PEARL	03-05	1	DHIR		24153	3.4	810	3.8	925
OARDROSSAN FARMS	15	525 1433	CAV EWN	03-06	2	DHIR		25125	3.2	808	3.9	988
ODALE+PATTIE MAULFAIR	38	525 16	GINGER	07-05	0	DHI-AP		23307	3.4	804	3.4	797
OCHARLES-DON GABLE	15	33 445	TERESA	03-06	2	DHIR		22988	3.5	800	4.0	913
O DELAWARE VAL COLLEGE	09	610 312	JUNE	07-07	6	DHIR-APCS		24234	3.3	792	3.6	873
OARDROSSAN FARMS	15	525 1351	F-HOPE	05-09	4	DHIR		23798	3.3	792	3.4	814

OCHARLES-DON GABLE	15	33 401	RASCAL	05-06	4	DHIR		22226	3.5	788	4.2	944
OCHARLES-DON GABLE	15	33 378	CORRINE	07-00	5	DHIR		23818	3.3	775	4.1	980
OARDROSSAN FARMS	15	525 1444	RUBY 2	03-04	2	DHIR		22739	3.4	771	3.9	894
OCHARLES-DON GABLE	15	33 375	NATHELLE	06-01	5	DHIR		24199	3.2	765	3.3	806

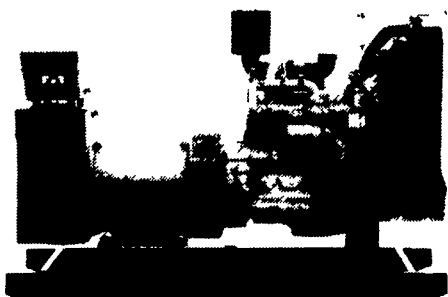
GUERNSEY

OFarm Name	Co	Herd Index	Barn Name	d	Age	Lact Yr-Mo No.	Type	Actual Production				
								Milk Test	Prot %	Prot Lbs	Fat %	Fat Lbs
OTROTACRE FARM	37	139 312		27	04-00	3	DHIR	28235	3.1	874	3.5	984
OTROTACRE FARM	37	139 310		669	04-02	3	DHIR	20451	3.9	806	4.8	980
ORUTTER BROS	67	75 1029	LIVELY	04-07	3	DHI-APT		23448	3.4	800	4.2	992
OAXEL LINDE+H WIDMANN	36	646 515	GINGER	03-05	2	DHIR		22815	3.4	775	4.1	931
OAXEL LINDE+H WIDMANN	36	646 468	NUGGET	06-05	5	DHIR		21320	3.6	774	4.6	974
OTROTACRE FARM	37	139 330	DOLLY	02-10	2	DHIR		22376	3.4	768	4.2	939
OAXEL LINDE+H WIDMANN	36	646 473	PEPPIE	06-01	5	DHIR		23157	3.3	763	4.6	1068
OKEWETH B GARBER	36	629 591	BROCKE	04-01	3	DHIR		20593	3.6	748	4.8	994
OBROCE R HEILINGER	38	537 1	FIREFLY	04-01	3	DHI		21080	3.5	747	4.1	861
OTROTACRE FARM	37	139 288		409	04-02	3	DHIR	22793	3.3	746	4.5	1022
ORICHARD O SMITH	09	811 777	DOWNIE	03-07	2	DHIR		20167	3.7	743	4.6	918
OKEWETH B GARBER	36	629 605	HEIDI	03-04	2	DHIR		20930	3.5	736	4.4	913
OJOHN MORROW	07	221 307		137	06-08	5	DHIR	23455	3.1	732	4.1	957
O CEDAR FRINGED FARM	36	107 1066	*BETHHEL	05-06	4	DHI		20479	3.6	731	4.5	920
OJOHN MORROW	07	221 381		214	04-06	3	DHIR	20744	3.5	730	4.2	864
ORUTTER BROS	67	75 1072	DORIE	03-04	2	DHI-APT		19104	3.8	729	4.7	905
O CEDAR FRINGED FARM	36	107 1081	IILEEN	05-02	4	DHI		20735	3.5	728	4.9	1024
OJOHN MORROW	07	221 331		159	06-04	4	DHIR	22650	3.1	706	4.2	947
OTROTACRE FARM	37	139 299		34	06-08	0	DHIR	23452	3.0	705	3.7	861
OJOHN MORROW	07	221 270		71	08-09	6	DHIR	18809	3.7	703	5.1	951

(Turn to Page A30)

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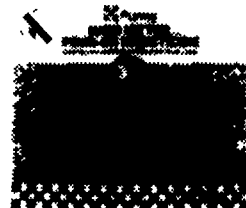
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Soybean Board Adopts Strategic Plan

CHESTERFIELD, Mo. — The United Soybean Board (USB) met in St. Louis, Mo. recently to review first-year progress, discuss and adopt a strategic plan, and elect new officers for the 1993 operating year.

The first year of the USB has been a challenging one. Many existing programs have continued and new ones started.

In addition, a major focus has been to organize the board to manage checkoff dollars most effectively. A major task was the development of a strategic plan that will act as a road map for the or-

ganization to follow in the years ahead.

The plan, unanimously adopted by the 63-member farmer board, sets forth long-range goals, objectives, and strategies to ensure the coordinated use of checkoff funds in all program areas for the maximum benefit of soybean farmers and the industry.

The Strategic Planning Committee of the USB received input from USB board members, representing all areas of research and promotion, state soybean boards, industry representatives, and various outside experts in order to put

in place a plan that mandates that USB do business like a business.

"The past 15 months were filled with challenges as we tackled the enormous task of creating an organization to not only collect soybean checkoff dollars, but to develop a strategic plan that wisely invests those dollars in programs that will maximize returns for soybean farmers," said Sandy Lude-man, USB chairman in the initial year of the national checkoff. "The strategic plan calls for each and every program funded by checkoff dollars to be thoroughly planned and evaluated to make

certain our investments in time and money are on track."

In other important business, the USB elected new officers and Executive Committee members for 1993.

Harold Phillips was elected USB chairman, succeeding Sandy Ludeman, a Tracy, Minn. soybean farmer. Phillips was USB vice chairman, and chaired the Compliance and Credentials Committee during the past year.

Phillips and his wife, Ann, farm

800 acres of soybeans, corn, wheat, and grain sorghum in Stevenson, Ala. Phillips is a 23-year member of both the Alabama Soybean Association and the American Soybean Association, serving both organizations in various capacities over the years.

"While I am flattered that my fellow board members have entrusted me with the role of chairman for the next year, I know that my job has been made easier be-

(Turn to Page A35)

1993 Farm Show Meeting Dates And Times

SATURDAY, JANUARY 9, 1993

- 1:30 p.m. Pa. Sheep & Wool Growers, Room E
- 2:00 p.m. Pa. Draft Horse & Mule Association, Room B
- 2:00 p.m. Pa. State Rabbit Breeders Association, Room C
- 6:00 p.m. Annual Farm Show Reception & Dinner at 7, Harrisburg Hilton & Towers

SUNDAY, JANUARY 10, 1993

- 10:00 a.m. Pa. Suffolk Sheep Association, Room C
- 2:00 p.m. Pa. Cattlemens Association, Room C
- 2:30 p.m. Pa. Hampshire Sheep Association, Room D
- 6:00 p.m. Reception & Dinner at 7, Pa. Angus Association, Holiday Inn Grantville

MONDAY, JANUARY 11, 1993

- 9:00 a.m. Pennsylvania FFA, Rooms D & E
- 9:30 a.m. Dairy of Distinction, Room C
- 11:00 a.m. PennAg Democrafts Luncheon Meeting, Room C
- 1:00 p.m. Pa. Dairymen's Association, Room E
- 1:00 p.m. Pa. State Grange, Room B
- 3:15 p.m. PennAg Republicans, Room C
- 4:00 p.m. Mid-Winter Convention, Pennsylvania FFA, Large Arena
- 6:00 p.m. Pa. Dairymen's Association Annual Meeting, Sheraton East Harrisburg
- 7:00 p.m. Pa. Limousine Association, Room E

TUESDAY, JANUARY 12, 1993

- 10:00 a.m. Pa. Milking Shorthorn Association, Room E
- 11:30 a.m. Pa. Flying Farmers Association, Room D
- 10:45 a.m. Annual Meeting, Master Farmers Association, Penn Harris
- 12 Noon Awards Luncheon, Master Farmers Association, Camp Hill
- 12 Noon Pa. Brown Swiss Association, Room C
- 12 Noon Pa. Ayrshire Breeders Association, Room E
- 1:30 p.m. Horse Pulling Drivers Meeting, Room C
- 3:00 p.m. Pa. Farm-City Council, Room D
- 7:00 p.m. Pa. Foundation Seed Cooperative, Room B

WEDNESDAY, JANUARY 13, 1993

- 9:00 a.m. Pa. Nut Growers, Room E
- 10:00 a.m. Harrisburg Area Community College, Room B
- 1:00 p.m. Harrisburg Area Community College, Room B
- 1:00 p.m. Pa. Maple Syrup Producers Council, Room C
- 1:00 p.m. Pa. Simmental Association, Room D
- 2:00 p.m. Keystone Pony Pullers, Room E
- 6:00 p.m. Reception and Dinner at 7, Pa. Co-Operative, Sheraton East Potato Growers, Harrisburg

THURSDAY, JANUARY 14, 1993

- 7:00 p.m. Directors Meeting, Pa. Christmas Tree Growers, Embers Association, Carlisle

FRIDAY, JANUARY 15, 1993

- 12 Noon Winter Meeting, Pa. Christmas Tree Growers, Embers Association, Carlisle

SATURDAY, JANUARY 16, 1993

- 8:00 a.m. Winter Meeting, Pa. Christmas Tree Growers, Embers Association, Carlisle

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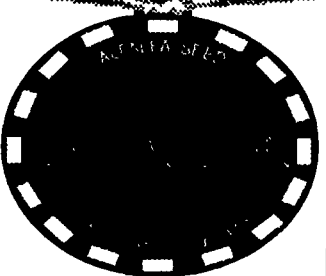
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(Continued from Page A28)

OTROTACRE FARM	37	139	314	ROZAMA	03-11	3	DHIR	18184	3.9	703	4.7	848
OTROTACRE FARM	37	139	326	287	03-03	2	DHIR	20698	3.4	703	3.7	775
OJOHN MORROW	07	221	324	160	06-05	4	DHIR	23346	3.0	701	3.9	921
OSKIDER HOMESTEAD	05	332	375	GINA	07-05	4	DHIR	20373	3.4	700	4.2	865
OSKIDER HOMESTEAD	05	332	389	HATTIE	06-03	4	DHIR	21064	3.3	700	4.2	893

HOLSTEIN

OFarm Name	Co	Herd Index	Barn Name	Age R	Lact Yr-Mo	Type No.	Test	--Actual Production--				
								Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
OR JAMES MCNATH	31	228	767	JOWELL	04-08	2	DHIR	37968	3.5	1330	4.3	1640
OPLOSHANSKI FARMS INC	06	246	1038	#FIDLIA	04-01	2	DHI	37583	3.4	1283	5.0	1863
OMARSHALL W WATKINS	08	1069	162	Y872	04-11	4	DHI	43364	2.9	1237	2.8	1213
OSILVERADO R HOLSTEIN	33	67	522	FANNY	05-00	3	DHIR	39712	3.1	1234	2.8	1111
OTOMAS TRAYER	58	7205	147	EMMY	07-00	5	DHI	41968	2.9	1222	3.9	1627
OCHARLES CLARK	58	804	173	YAVONE	04-11	3	DHI	37999	3.2	1203	3.1	1164
OTROTACRE FARMS	37	140	209	REBONDA	03-08	2	DHI	37213	3.2	1194	3.7	1385
OSMYSERS RICHLAWN FMS	67	249	382	STELLA	07-11	6	DHIR	41195	2.9	1189	2.8	1155
OJAMES D DUNN	54	155	151	SUE	04-05	3	DHIR	41714	2.8	1177	3.6	1489
OROB&DONNA VANBLARCOM	08	952	279	16	05-06	4	DHI-APCS	36772	3.2	1169	3.4	1248
OVEL-RUS HOLSTEINS	20	210	338	PRIDE	09-11	7	DHI	39281	2.9	1157	4.3	1675
OPERNDALE FARMS	38	19	762	O-164	06-10	5	DHI-APT	37500	3.1	1148	2.7	1018
OTOM & LIBBY WILSON	20	612	69	#CARLA	04-00	2	DHIR	35995	3.2	1146	2.8	1019
ODAVID J PEACHEY	44	276	258	Y-80	06-04	4	DHI-AP	38838	2.9	1144	3.4	1335

OGOR-WOOD-D	59	211	1011	RABBI	03-09	2	DHI	36046	3.2	1143	2.8	995
OGOR-WOOD-D	59	211	916	HACHE	05-02	3	DHI	34325	3.3	1137	3.3	1121
OKENNETH MORRY	05	244	1682	#HALO	02-08	1	DHIR	35253	3.2	1137	3.4	1206
OGOR-WOOD-D	59	211	988	CECILY	04-10	3	DHI	35035	3.2	1129	3.0	1066
OJAMES D DUNN	54	155	155	PENNY	03-09	2	DHI	34031	3.3	1127	3.8	1308
OBRENT BUCKWALTER	49	136	803	NADINE	04-07	2	DHIR	33149	3.4	1126	3.0	996
OROB&DONNA VANBLARCOM	08	952	292	44	05-00	4	DHI-APCS	37721	3.0	1122	3.2	1194
ORWORTH VIEW FARM	56	145	1067	JEWEL	04-02	3	DHIR-APCS	34028	3.3	1117	2.3	787
ORV + SV HOLLENSHEAD	28	504	330	259	04-00	2	DHIR	36756	3.0	1113	3.4	1253
OPaul-MARK DARLING	35	97	663	TINA	04-07	3	DHIR	34514	3.2	1107	3.2	1107
ONILLOS & SANDY SINAN	32	194	159	CANDY	05-05	4	DHI	35511	3.1	1107	4.0	1428

JERSEY

OFarm Name	Co	Herd Index	Barn Name	Age R	Lact Yr-Mo	Type No.	Test	--Actual Production--				
								Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
OCAMPBELL+RUN JERSEYS	28	794	1	622	04-04	3	DHI-APT	22639	4.1	919	5.4	1222
OLITTLE POND FARM	08	1388	71	SUNDAY	01-11	1	DHI	21582	4.2	900	5.2	1114
OVANTAGE JERSEYS	43	313	508	435	06-10	6	DHIR	23884	3.6	854	4.2	1006
OSPRUCE ROW FARMS	20	326	406	GIDGET	07-00	5	DHIR	23355	3.6	834	4.6	1083
OVAN DE JERSEY	43	295	206	HAPPY	07-00	6	DHIR-APCS	24863	3.3	832	4.2	1039
OKENNY DAIRY FARM	37	34	793	412K	04-02	3	DHIR	21246	3.9	827	4.8	1011
OLITTLE POND FARM	08	1388	15	JOJO	04-08	0	DHI	22749	3.6	822	4.7	1072
OKENNY DAIRY FARM	37	34	705	WVA 21	05-07	4	DHIR	18469	4.3	797	6.0	1108
OVAN DE JERSEY	43	295	224	JUSTINA	06-05	5	DHIR-APCS	21452	3.7	796	4.7	1009
OVAN DE JERSEY	43	295	258	MILDRED	05-01	4	DHIR-APCS	23417	3.4	795	4.3	1018
OKENNY DAIRY FARM	37	34	793	412K	05-01	4	DHIR	19738	4.0	794	4.2	836
OLITTLE POND FARM	08	1388	27	MAZY	03-01	0	DHI	19409	4.1	794	5.6	1086
ORANKIN FARM	63	305	69	HOLLY	03-00	2	DHIR	20796	3.8	792	5.0	1037
OLITTLE POND FARM	08	1388	23	NELL	03-05	0	DHI	21002	3.8	791	4.3	897
OLITTLE POND FARM	08	1388	10	ROSHIRE	04-03	3	DHI	19306	4.1	789	5.4	1042
OVANTAGE JERSEYS	43	313	569	518	04-06	4	DHIR	25015	3.2	788	3.8	959
OHILLCREST JERSEY FM	37	19	580	JOANNA	06-07	5	DHIR	19597	4.0	784	5.0	971
OVAN DE JERSEY	43	295	308	MERMAID	04-00	3	DHIR-APCS	22194	3.5	784	4.9	1095

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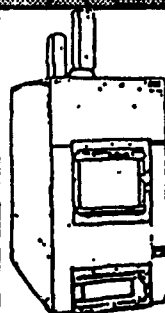
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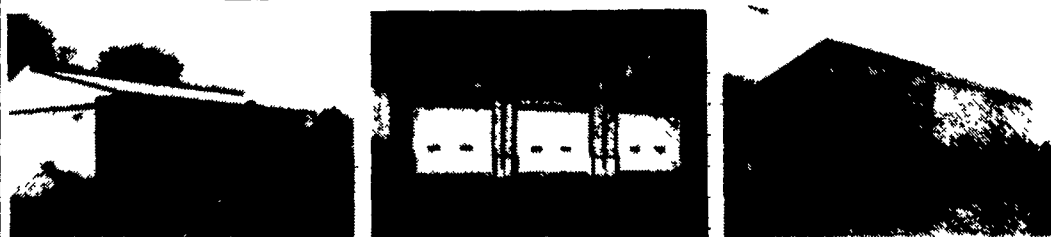
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(Continued from Page A30)

OMARAN-ATHA FARM	56	373	8	PEACE	10-08	0	DHIR	21936	3.6	782	4.1	898
OLITTLE POND FARM	08	1388	62	BONNIE	02-03	1	DHI	20155	3.9	781	4.8	972
OGRAYWOOD FARMS	36	1339	1931	307	04-05	3	DHI	23594	3.3	780	4.0	936
OVAN DE JERSEY	43	295	279	DANA	04-09	4	DHIR-APCS	20616	3.7	772	6.0	1241
ORANKIN FARM	63	305	35	PRIDE35	05-10	4	DHIR	21480	3.6	770	4.2	904
OVAN DE JERSEY	43	295	316	CUPCAKE	02-09	2	DHIR-APCS	19416	4.0	770	5.0	973
OMOUNTAIN TOP JERSEYS	07	360	9	SUSE	07-09	6	DHI	23309	3.3	769	4.3	994

BROWN SWISS

OFarm Name	Co	Herd	Index	Barn	Age	Lact	Type	Actual Production-----				
				Name	Yr-Mo	No.	Test	Milk	Prot	Prot	Fat	Fat
								Lbs	%	Lbs	%	Lbs
ODAVE + JODI FINDLEY	36	2428	57	MEAGAN	06-11	0	DHI-AP	26371	3.8	996	3.7	983
OMARTIN & MISSY MOYER	06	507	214	103	03-02	2	DHI-APT	28108	3.5	992	3.4	945
OWILLIAM R DAUBERT	54	143	567	ELISSA	06-08	5	DHIR	29579	3.3	977	3.7	1088
OGARY LEE MASE	38	409	120	FABIA	03-10	3	DHIR	28658	3.2	929	3.2	918
ODEAN&BRENDA DAUBERT	18	194	509	SHAMOO	07-02	6	DHIR	27133	3.4	910	3.7	1008
OBLAIR+CAMMY YURKANIN	08	1326	56	*JANE	04-10	3	DHIR	23804	3.8	895	3.5	831
OLEON N SENSENIG	36	1521	168	102	07-00	5	DHI	24863	3.6	892	3.5	882
OBRUCE R HEILINGER	38	504	77	MIRICLE	08-05	6	DHIR	26797	3.3	888	3.3	880
OJ L & H F KENNEDY	10	16	408	KARA	06-11	4	DHIR	22148	4.0	884	4.6	1018
OTOM ZARTMAN	36	1103	658	199	04-02	3	DHI-APCS	27254	3.2	872	3.3	896
OR WRIGLESWORTH & SON	17	64	384	DILLIE	04-02	3	DHI-AP	28234	3.1	866	3.5	984
OGARY LEE MASE	38	409	96	DANDY	07-05	6	DHIR	24711	3.5	864	3.4	834
OBRUCE R HEILINGER	38	504	79	GLIMMER	08-07	7	DHIR	27299	3.2	861	3.4	923
OWILLIAM R DAUBERT	54	143	602	MARY	05-06	4	DHIR	24703	3.5	859	3.6	889
OGARY LEE MASE	38	409	18	LENA	11-00	8	DHIR	24760	3.4	844	3.5	867
OGARY LEE MASE	38	409	161	MARIETE	05-05	3	DHI	25304	3.3	842	3.6	912
ODEAN&BRENDA DAUBERT	18	194	579	BELVA	05-01	4	DHIR	24157	3.4	832	3.2	770
OGARY LEE MASE	38	409	84	CHRISSEY	08-02	6	DHIR	24181	3.4	827	4.4	1057
OLO VI SWISS	21	638	10	FRAN	04-04	3	DHI-APCS	22206	3.7	814	4.3	946
OBRUCE R HEILINGER	38	504	114	RASCALE	03-11	3	DHIR	22310	3.6	812	4.0	901
OBRUCE R HEILINGER	38	504	105	NORMY	04-03	3	DHIR	24648	3.2	801	3.5	870
OBRUCE R HEILINGER	38	504	118	CINDERL	03-07	2	DHIR	22022	3.6	801	4.4	976
OGARY LEE MASE	38	409	129	JACINDA	03-09	2	DHIR	23170	3.4	799	3.5	807

OWILLIAM R DAUBERT	54	143	643	JUDITH	04-03	3	DHIR	21831	3.6	796	3.9	842
ORICHARD G WENGER	36	1338	268	JANI	05-04	4	DHI	19825	4.0	792	4.2	874

MILKING SHORTHORN

OFarm Name	Co	Herd	Index	Barn	Age	Lact	Type	Actual Production-----				
				Name	Yr-Mo	No.	Test	Milk	Prot	Prot	Fat	Fat
								Lbs	%	Lbs	%	Lbs
OARVID KATHY KOBOSKY	31	423	4	ROSE	08-08	7	DHIR	18350	3.6	661	3.9	724
OSAMUEL G YODER	06	46	594	SUSAN 9	06-01	4	DHI	18901	3.2	611	3.3	625
OSAMUEL G YODER	06	46	557	STACEY	07-10	5	DHI	18134	3.2	585	3.3	595
OSAMUEL G YODER	06	46	616	MAID	07-04	0	DHI	18048	3.2	572	2.6	466
OSAMUEL G YODER	06	46	672	HEATHER2	03-11	2	DHI	16520	3.2	529	3.1	511
ODONALD E WIVELL	59	805	443	VICKY	03-02	2	DHI	14797	3.4	496	4.1	600
OARVID KATHY KOBOSKY	31	423	10	SNOFLOR	02-03	1	DHIR	14337	3.5	496	3.8	550
OCHARROP FARM	44	369	5	45	06-08	5	DHI	14456	3.4	496	3.6	526
OARVID KATHY KOBOSKY	31	423	11	FIREBAL	02-03	1	DHIR	16074	3.1	495	3.4	541
OARVID KATHY KOBOSKY	31	423	9	ROUGIE	02-07	1	DHIR	13842	3.5	488	3.8	520
OSAMUEL G YODER	06	46	683	SOMJA	05-00	0	DHI	14949	3.2	485	3.0	445
OSAMUEL G YODER	06	46	671	RUNCER	13-01	10	DHI	16165	2.9	475	2.6	424
ODONALD E WIVELL	59	805	489	RUBY	02-00	1	DHI	15486	3.0	469	3.1	487
OSAMUEL G YODER	06	46	656	PHYLIS	03-03	2	DHI	13393	3.4	462	4.2	556
OSAMUEL G YODER	06	46	681	SOLO 3	02-03	1	DHI	14217	3.2	457	3.2	457
OPAINTER LAND FARM	59	819	510	206	02-08	1	DHI-APCS	16317	2.8	456	3.3	545
OCHARROP FARM	44	369	14	28	02-07	1	DHI	13919	3.3	454	3.3	465
OJOHN C GOSHORN	31	389	35	PATMS	03-00	2	DHIR	14064	3.2	453	3.5	489
OSAMUEL G YODER	06	46	661	BILREN	03-07	2	DHI	13450	3.4	453	3.6	490
OSAMUEL G YODER	06	46	688	ALFAIR2	01-11	1	DHI	14039	3.2	450	3.2	455
OGLENN + GARY CROWL	67	452	42	MS- 1	05-09	4	DHI-AP	15788	2.8	446	3.3	527
OSAMUEL G YODER	06	46	690	LORRIE	03-08	1	DHI	13803	3.2	446	3.8	521
OJOHN C GOSHORN	31	389	37	LASS P	03-04	2	DHIR	14182	3.1	439	3.4	481
OSAMUEL G YODER	06	46	682	CHSHAKE	02-04	1	DHI	13895	3.2	439	3.6	499
OCHARROP FARM	44	369	11	29	04-07	3	DHI	13718	3.1	422	3.2	441

(Turn to Page A33)

Luzerne DHIA Holds Annual Meeting

The Luzerne County Dairy Herd Improvement Association completed its 63rd year of testing with 15 whole year herds and 6 owner sampler herds. During 1992, 940 cows were on test in the county producing an average of 18,470 pounds of milk, 594 pounds of protein, and 735 pounds of butterfat per cow.

Receiving recognition for the most improved herd by milk of 3,907 lbs. butterfat of 140 lbs. and protein of 128 lbs. went to Manzoni Brothers of Dallas.

The cow with the top milk production was cow 916 owned by Hillside Farms, Inc., Shavertown, at 32,727 lbs. in 305 days. Hillside Farms, Inc. also owns the cow with the highest protein and butterfat production. That cow is Trudy is 1,093 lbs. protein and 1,786 lbs. butterfat in 305 days.

Robert Hough, Stillwater received recognition for having 8 cows in the herd with Lifetime Production Certificates totaling 1,019,043 pounds.

Dairymen with herds in excess of 600 pounds of protein were Hillside Farms, Inc.; Jack & Nelson Dent, Berwick; Paul Stoss, Jr., Lehighton; Derwood & Dennis Moyer, Wapwallopen; Robert Hough; Pecora Brothers, Drums; and C.K. Troxell Farms, Lehighton. Herds with butterfat production records in excess of 750 pounds were Hillside Farms, Inc.; Jack & Nelson Dent; Paul Stoss Jr.; Derwood & Dennis Moyer; Robert Hough; and C.K. Troxell Farms.

The annual meeting of the Luzerne County Dairy Herd Improvement Association was held at the Lookout House, Rt. 93, Conyngham. Martin Smith, president, presided. Dixie Burris, Membership Development Manager, Penn State DHIA and Diane McIlwain, Region 3 Field Manager, spoke on the various programs and developments in Pennsylvania DHIA.

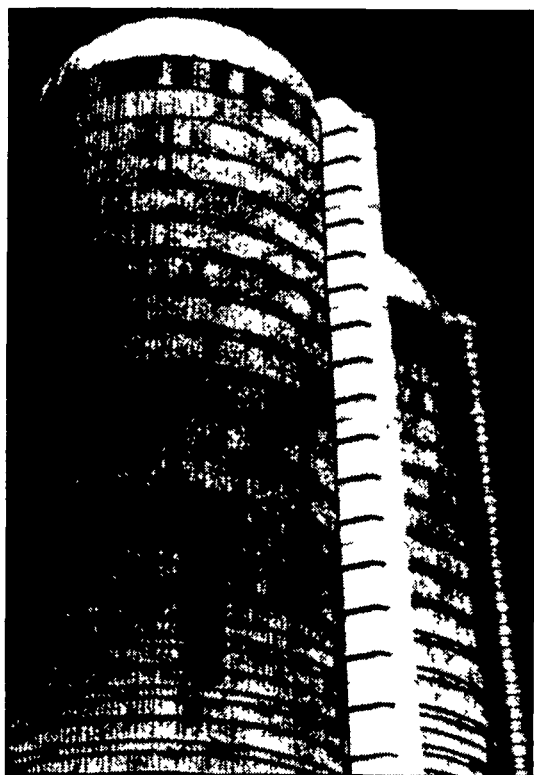
William Baucher, Berwick, is the supervisor with directors being Martin Smith, William Conyngham, Gary Rinehimer, Nelson Dent, Michael Pecora, Butch Manzoni, Carl Troxell, and Jeanette Yost. Information on the programs offered by the Luzerne County Dairy Herd Improvement Association can be secured by contacting either William Baucher, one of the directors, or Donna Grey, Penn State Cooperative Extension Luzerne County, 5 Water Street, Courthouse Annex, Wilkes-Barre. Phone (717) 825-1701.

Penn State is an affirmative action, equal opportunity university.



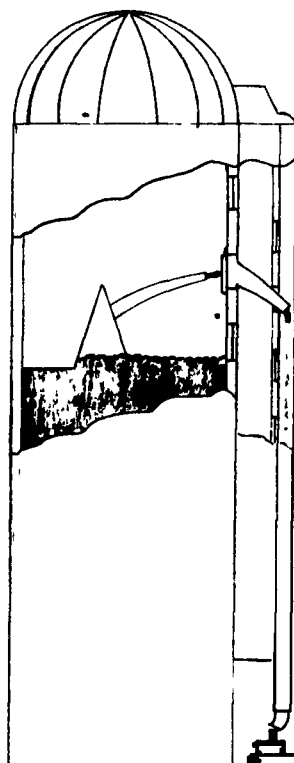
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Lowest SCC Pennsylvania DHIA Herds For November

(Continued from Page A15)

109,000	DON & RUSS TSHUDY	SABINSVILLE PA	49.1	DHI-AP	86.2	17409	690	560	138,000	DALE WEILER	EAST EARL PA	40.2	DHI-AP	85.9	20437	780	646
110,000	R E SHEARER-FAMILY	PORT ROYAL PA	65.7	DHI	86.1	21194	739	648	138,000	DON MATTISON	WELLSBORO PA	19.3	DHI	89.0	21013 *	721	672
111,000	BANEY BROTHERS	PETERSBURG PA	65.0	DHI	85.3	17872	665	573	138,000	SHADIGEE CREEK FARM	STARRUCCA PA	22.6	DHI-APT	84.1	18322	668	567
111,000	MARLIN R BEILER	PARADISE PA	23.2	DHI-APT	87.9	21268	786	643	138,000	WAYNE-ROGER SHERWOOD	MESHOPPEN PA	65.2	DHI	89.5	22103	846	716
111,000	RON HOOVER	LORETTA PA	53.1	DHI-APT	89.6	20039	827	656	138,000	LEE A HOOVER JR	BOILING SPRINGS PA	45.4	DHI	87.9	18234	702	577
111,000	HAROLD SCHULER & SON	FLEETWOOD PA	37.8	DHI	88.8	20629	766	644	138,000	LYLE+LAUREN WRIGHT	CANTON PA	45.4	DHI-APT	89.0	15710	717	549
112,000	ROBERT YOUNKINS	KITTANNING PA	38.0	DHI-AP	87.6	16352	597	524	139,000	ROBT+ANNA-MARIE COLE	ULSTER PA	70.4	DHI-APT	88.6	19420	723	624
112,000	SUNRISE+AVE FARM	HONESDALE PA	43.0	DHI	91.5	19735	734	649	139,000	ED MORNINGSSTAR	FREDONIA PA	53.4	DHI-AP	85.8	16273	555	523
113,000	ROBERT C HOFFMAN	YORK SPRINGS PA	25.8	DHIR	86.2	22454	802	680	139,000	CHARLES D MONTGOMERY	GROVE CITY PA	56.1	DHI-AP	89.3	17349	657	550
114,000	C LA RUE WAKELY	ULSTER PA	31.0	DHI	86.6	19749	730	634	139,000	RONALD PECK	PLEASANT MOUNT PA	34.3	DHI-AP	88.5	18156	668	575
115,000	GARY & BETTY FERGUSON	CANTON PA	41.6	DHI-AP	91.8	16107	614	506	139,000	FRANCIS JR+TIM DYMDA	PORT ALLEGANY PA	36.4	DHI-APT	86.7	21281	770	663
115,000	WILDWOOD VALLEY FARM	LEWISBURG PA	14.3	DHI	83.4	20465 *	807	647	139,000	RICHARD GIEWONT	UNION CITY PA	34.8	DHI	89.9	20609	742	651
116,000	JET-RAE FARM	SHIPPENSBURG PA	75.9	DHI	84.2	19532	743	623	140,000	RANDY+MARIE SHAFER	CRYSTAL SPRING PA	36.9	DHIR	88.9	16259	628	531
116,000	GARY LEWIS	LEBANON PA	80.7	DHI-APT	87.5	23952	900	781	140,000	DALAND FARMS	HUNTINGDON PA	139.2	DHI	87.1	21498	828	683
116,000	WALNUT LANE FARM	MERCERSBURG PA	45.8	DHIR	87.1	15623	705	540	140,000	CRAIG FARMS	CLINTON PA	77.7	DHI-AP	89.6	17557	663	565
116,000	MICHAEL C VARNER	REYNOLDSVILLE PA	30.5	DHI-APCS	86.2	20663	712	639	140,000	C & E FLEMING & SONS	TROY PA	53.6	DHI	87.5	13197	497	410
117,000	CURTIS E AKERS	QUARRYVILLE PA	54.7	DHI	89.2	21807	862	698	140,000	RAY E MC MILLEN	LOYSVILLE PA	118.4	DHIR	86.2	20429	770	628
117,000	HARRY R MARKER	LIGONIER PA	75.1	DHI	82.6	22151	800	713	141,000	PAUL ALLEN	GRANVILLE SUMMIT PA	67.8	DHI-APT	85.3	15282	586	493
117,000	DEBBIE MOOSE	MERCER PA	26.8	DHIR-APCS	88.7	15641 *	795	579	141,000	MAYAPPLE FARM	CARLISLE PA	122.0	DHI	85.3	18220	674	577
118,000	WILLIAM CHAMBERLAIN	COVINGTON PA	48.1	DHI-APT	87.7	19248	684	628	141,000	RONALD KALINOWSKI	COCHRANTON PA	44.3	DHI	89.3	20986	756	633
118,000	RON + CATHY KITTLE	TROY PA	43.6	DHI-AP	86.4	23133	825	731	142,000	KENNETH & JUDY MOOK	SABERTOWN PA	15.0	DHI	87.1	16309	664	519
118,000	JERRY L POWELL	BUTLER PA	26.7	DHI	88.0	14693	505	440	142,000	JAN P COWAN	NEELYTON PA	55.6	DHI	89.1	19398	706	625
118,000	AMOS E STOLTZFUS	HONEYBROOK PA	64.0	DHIR	84.3	22521	803	717	142,000	ELMER M HIGH	LITIZ PA	52.7	DHI-APT	86.1	22844	829	700
118,000	MEL O DAWN FARMS	MERCERSBURG PA	10.7	DHIR-APT	86.4	13614	691	515	142,000	VAN DE JERSEY	TRANSFER PA	122.6	DHIR-APCS	86.9	16640	848	616
118,000	RALPH HAY	MILL RUN PA	37.9	DHI-AP	85.6	19203	679	595	142,000	ALTON C OLIVER	HONESDALE PA	56.5	DHI	88.0	20168	689	618
118,000	RONALD L CHAPMAN	WATERFORD PA	41.6	DHI	89.4	21063	786	661	143,000	KEVIN BURLEIGH	PLEASANT MOUNT PA	44.5	DHIR	89.7	22379	854	735
119,000	DAVID+LEIGH KING JR	SANDY LAKE PA	49.9	DHI-AP	84.5	18842	682	569	143,000	APPLEHURST FARMS	DILLSBURG PA	32.9	DHI	89.8	19111	692	597
120,000	CLEMENT HALDEMAN	GREENCASTLE PA	32.3	DHI-AP	87.3	18958	753	601	143,000	RICHARD HINKO	MONTROSE PA	43.9	DHI-AP	82.3	10859	508	401
120,000	MY-FAVORITE HOLIS	ELIZABETHVILLE PA	55.1	DHIR	86.7	23506 *	837	737	143,000	DANNY E STEVENSON	MILLERTON PA	48.0	DHI-APT	86.5	17576	665	561
120,000	THOMAS E WALKER	MEYERSDALE PA	37.5	DHI-AP	83.5	14074	666	499	143,000	LINDEN-HILLS FARM	LINDEN PA	33.9	DHI	83.7	18561	652	600
121,000	BLOUGH BROTHERS	BOSWELL PA	112.5	DHI	86.6	17412	696	553	143,000	E AND Y METZGER	LINDEN PA	46.3	DHI-AP	82.4	17749	616	549
121,000	CLOVER WILL FARMS	WILLIAMSBURG PA	145.3	DHI	88.9	21960	887	685	143,000	LA FAY FARM	LEWISTOWN PA	43.0	DHI	88.6	21687	811	721
122,000	ELI D MAST	MEADVILLE PA	19.4	DHI	79.1	16849	617	543	143,000	PATRICIA S HURLINE	WARFORDSBURG PA	44.9	DHI-AP	83.6	10109	497	396
122,000	WILLIAM R YODER	MEYERSDALE PA	38.9	DHIR	87.5	14934	745	572	143,000	DOUG MIKE GIBBONS	NORTHEAST PA	43.9	DHIR	83.9	17174	636	541
123,000	LEASPRING FARM	YORK PA	59.0	DHI	85.8	20063	734	624	143,000	ALWINE FARMS	MIDDLETOWN PA	82.0	DHI	87.1	20331	789	660
123,000	WILLIAM+ELAINE WOOD	JACKSON PA	51.6	DHI-AP	85.6	18597	680	571	144,000	BANCROFT FARMS	CENTERVILLE PA	113.5	DHI-AP	89.5	21340 *	739	674
124,000	GARY TRUCKENMILLER	WATSONTOWN PA	74.4	DHI	90.6	22804	866	721	144,000	EVERETT BRADLEY	CENTERVILLE PA	33.9	DHI	86.8	13921	531	425
124,000	KEN H VIRGINIASMARTY	SHIPPENSBURG PA	33.4	DHI-AP	83.9	12549	601	470	144,000	JAMES B HECKMAN	HOWARD PA	27.1	DHI-AP	87.1	17901	639	570
125,000	HAZEL GANDER	STONEBORO PA	73.0	DHI-AP	88.8	21304	774	664	144,000	PLUM-BOTTOM FARM	BELLEVIEW PA	40.0	DHIR	84.9	15689	625	546
125,000	FRED M SHOOP	PORT ROYAL PA	61.2	DHI-AP	89.7	18276	655	578	144,000	MARK + HELEN WISHLER	HOLSOPPLE PA	41.6	DHI	83.0	20967	792	671
125,000	ED + WILMA MCILLEN	LANDISBURG PA	47.8	DHI	85.6	19954	728	642	144,000	DALE L KEPPER	SANDY LAKE PA	40.2	DHI-APCS	86.7	21975	839	694
125,000	FREDERICK NORDENHOLD	BEACH LAKE PA	58.9	DHI	87.0	18409	682	574	144,000	FLOYD RINEHIMER	WAPWALLOPEN PA	31.8	DHI-AP	88.0	17891	732	556
125,000	BAXTER FARM	COLUMBIA CROSS RDSPA	50.6	DHI-AP	85.6	20583	740	657	144,000	STARLITE FARM G HUNT	LAKE COMO PA	28.4	DHI-AP	78.3	12367	477	370
125,000	MARVIN GINGERICH	MEADVILLE PA	40.6	DHI	84.3	18683	677	590	145,000	RUTTERS	YORK PA	37.9	DHI-APT	87.9	20953	828	666
126,000	DELAWARE VAL COLLEGE	DOYLESTOWN PA	11.2	DHIR-APCS	93.9	20510	786	674	145,000	RANSONED RANSONDAIRY	NICHOLSON PA	90.9	DHI	89.0	17697	681	566
126,000	WALTER+PETE SHERMAN	MANSFIELD PA	168.3	DHI-AP	89.7	18107	682	593	145,000	ROSSER BROTHERS	HOP BOTTOM PA	38.7	DHI	88.5	20785	734	649
126,000	WILLIAM+EVELYN GOFF	MONTROSE PA	42.6	DHI	89.8	21418	742	648	145,000	LOUIS E MARTIN	MYERSTOWN PA	48.3	DHI-AP	88.8	24192	856	759
127,000	D AND D HOTTESTEIN	NEW ALBANY PA	67.2	DHIR	85.2	21228	857	702	145,000	LARRY STEVENSON	JAMESTOWN PA	42.1	DHI-AP	88.5	21057	725	657
127,000	PAUL+NORMAN KOHLER	BANGOR PA	40.1	DHI-AP	87.6	16808	607	521	145,000	JOHN+WENDY COOPER	FONBELL PA	86.9	DHI	88.1	21037	742	654
127,000	LAUREN K BAIR	HANOVER PA	35.0	DHI-AP	86.6	18482	646	554	145,000	PIPP+EN WARE FARM	SPRINKLE MILLS PA	23.4	DHI	85.4	17441	728	578
127,000	MARK GIERON	NEW OXFORD PA	36.9	DHI-APT	74.5	13455	522	486	145,000	DANIEL B LANDIS	KINZER PA	87.4	DHI-APT	86.8	20573	713	649
127,000	MARK VOGEL	WATTSBURG PA	32.6	DHI	87.7	17421	663	531	145,000	LOIS J MARIETTA	ACME PA	27.7	DHIR-APT	89.3	18774	682	624
128,000	NATH+TRISH STOLTZFUS	HONEY BROOK PA	45.5	DHI-APCS	86.7	21380	792	698	145,000	RALPH P MUKLAND	PA FURNACE PA	54.2	DHI-AP	88.8	19607	742	611
128,000	RAMSEY S COOPER JR	DELTA PA	71.0	DHIR-APT	89.7	23597 *	865	715	145,000	POSTERS FAMILY FARM	CONNEAUTVILLE PA	48.2	DHI-AP	86.4	19233	723	606
129,000	LOR-MAR DAIRY	KNOXVILLE PA	24.4	DHI-AP	86.8	15285	559	507	145,000	JAMES R DAVIS	SPARTANBURG PA	41.6	DHI	87.9	20366	755	647
129,000	ROB+BONNIE WENTWORTH	QUARRYVILLE PA	50.3	DHIR	86.1	15464	611	519	146,000	DALE & RODNEY BLOOM	SEWARD PA	123.6	DHI-APT	87.9	21393	805	662
129,000	ARVID-KATHY KOBOSKY	ALEXANDRIA PA	11.4	DHI	86.8	18621	715	573	146,000	IRISHTOWN ACRES	GROVE CITY PA	160.7	DHI	88.4	15641	782	582
131,000	KEN + DOUG COMSTOCK	PORT ALLEGANY PA	36.2	DHI-APT	84.6	22096	824	710	146,000	KEVIN DRAKE	WESTFIELD PA	26.6	DHI-AP	89.7	16555	659	516
131,000	MARK L SARTILL	THOMPSON PA	37.3	DHI-AP	84.4	19316	633	603	147,000	WILLARD M BRELSFORD	WILLIAMSPORT PA	40.6	DHI-AP	89.1	19189	669	597
131,000	RICHARD L FIELD	COCHRANTON PA	57.5	DHI-AP	84.4	16466	637	506	147,000	SAN D K HOLSTEINS	COCHRANTON PA	61.4	DHI	87.0	20175	766	642
131,000	GERALD SMITH	MARTINSBURG PA	123.3	DHI-APT	89.1	20082	776	644	147,000	LIN DE DELL FARMS	NEW BETHLEHEM PA	44.0	DHI-AP	87.0	15870	607	504
132,000	ALOYSTUS G GANDER	STONEBORO PA	48.8	DHI-AP	86.2	18540	701	575	147,000	LI-VON FARM	BELLEFONTE PA	63.7	DHI	86.1	17970	667	549
133,000	WALTER SAMPSON	WELLSBORO PA	26.9	DHI-AP	86.8	17509	598	566	148,000	JESSE E LAIR	OXFORD PA	97.5	DHI-AP	88.8	19090	696	590
133,000	FORREST C STRICKER	WERNERSVILLE PA	56.3	DHI-APT	86.7	22660	794	670	148,000	FRON BROS	JERMYN PA	56.3	DHI	90.3	20898	757	666
133,000	THREE SRAS FARM	HOCKTOWN PA	26.5	DHI-AP	87.5	12329	452	365	148,000	DICK-MAR FARMS	ENLETON PA	163.3	DHI-APT	88.4	21678	791	671
133,000	ORNER FARMS INC	ROCKTON PA	20.8	DHI-APT	84.7	13289	632	447	148,000	PRISCILLA KINTNER	HALLSTEAD PA	35.3	DHI-AP	85.2	17018	631	536
134,000	HOWARD HARKLEROAD	WESTOVER PA	45.1	DHI-AP	85.9	15822	571	509	148,000	ALBAVALE FARM	CANTON PA	58.6	DHI	88.0	20984	776	676
134,000	PLEASANT VIEW FARM	MARION CENTER PA	119.0	DHI-AP	88.9	21373	803	667	148,000	RICHARD H PACKARD	TROY PA	49.9	DHIR	87.3	22476	854	727
135,000	JEFF GOCHNAUER	CANTON PA	36.0	DHI-AP	82.5	18912	740	619	148,000	FRED & CAROLYN EICK	COLUMBIA CROSS RD PA	60.3	DHIR	84.3	11574	561	428
135,000	NEVIN SHUGHART	MECHANICSBURG PA	26.1	DHI-AP	87.8	19112	726	593	149,000	HILLTOPHAVEN	KITTANNING PA	53.1	DHI-AP	88.9	20768	729	655
136,000	CANON DAIRY	WEST MIDDLESEX PA	84.0	DHI	88.1	21480	808	679									

MAP For Success

(Continued from Page A32)

diet is and developing feeding strategies from that information."

Participants in the financial management workshop will prepare financial statements, analyze their own finances and create a business plan.

"The common thread among failed small businesses is the lack of a good plan," said agricultural

economist Dr. Gregory Hanson, chair of the finance workshop committee.

"Participants will use their own financial data to create balance sheets, cash flows and profit/loss statements in order to assess their financial strengths and weaknesses. They'll then use that information to develop realistic goals and plans."

"The Dairy-MAP program will be helpful to many farmers," said Jennie Brown, assistant extension agent in York County. "The skills covered in the workshops are valuable for any businessperson, and the hands-on approach and homework assignments make it easy for farmers to start using these skills in their own operations."

Response to the Dairy-MAP program has been enthusiastic. "This year is to be a pilot year

Lancaster Farming, Saturday, January 2, 1993-A33

with a limited number of workshops," Holden said. "But many more counties than can be served have identified this program as a must-do."

To assess the program's effectiveness, participants will be asked to evaluate the program, explaining which aspects they found most useful.

"Follow-up surveys will be conducted six months and one

year after the workshops to learn how participants are applying management techniques on their farms," Holden said. "We'll use this information to refine and expand the Dairy-MAP curriculum to reach more dairy farms in Pennsylvania."

For a Dairy-MAP brochure and more information, contact your county's Penn State Cooperative Extension office.

Top Pennsylvania DHIA

(Continued from Page A31)

RED DANE

Farm Name	Co	Herd	Index	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production-----				
								Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
ORICHARD G WENGER	36	1338	308	SPECKLE	05-01	0	DHI	18477	3.2	598	4.1	758
OROBERTLINDA SENSENIG	36	1868	226		04-01	2	DHI-APT	19991	3.0	592	3.7	749
OROLARWAY HOLSTEINS	21	290	462		03-00	2	DHI	18374	3.2	588	3.4	632
OLYLE SHERMAN	58	884	9	BUFFIE	04-04	0	DHI-AP	17611	3.3	584	3.9	683
OARVID KATHY KOBOSKY	31	423	8	LINBACK	03-00	0	DHIR	19808	2.9	579	3.8	747
OEARL HOFFMAN	22	233	44	BLUE	04-01	0	DHI-AP	19102	2.9	557	3.3	632
OBOONECROFT FARMS	06	696	374		02-00	1	DHI-AP	16402	3.2	520	3.7	612
ORUCKEYE ACRES	47	100	198		04-00	3	DHI	14681	3.1	457	3.7	540
OCHARLES MOOK	20	800	13	TILLIE	04-00	3	DHI-AP	13298	3.3	438	4.3	566
OCHARLES MOOK	20	800	12	ANNABEL	04-11	4	DHI-AP	15153	2.9	434	3.3	500
OALFRED STIERLY JR	08	1307	20		08-10	8	DHI	13478	2.9	396	3.2	431
OVALLEY HAVEN FARMINC	48	169	339		02-00	1	DHI-AP	11084	3.1	348	3.6	404
OPAL ALLEN	08	1261	979		05-01	0	DHI-APT	8929	3.1	276	3.4	301
ODENNIS+NAOMI SHAFPER	20	750	152	SARAH	03-02	0	DHI	7225	2.9	212	2.9	213
OJOAS TROYER	20	811	28	SPECKLS	05-11	0	DHI-AP	4976	3.3	163	3.7	182
OCHARLES MOOK	20	800	13	TILLIE	05-00	4	DHI-AP	5034	3.0	152	3.9	196
OGILBERT PYSHER	48	181	354		06-00	0	DHI	2122	2.9	61	4.4	93

MIXED

Farm Name	Co	Herd	Index	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production-----				
								Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
OJAMES WOODS	43	11	797		07-00	5	DHI-AP	23322	3.3	764	3.8	889
OJIM W WELCH	59	442	351	ROQUERT	04-02	3	DHI	23635	3.2	746	3.5	822
ORANDY WHITMAN	20	776	13		07-00	0	DHI-AP	24318	3.0	735	3.9	951
O DAVID & LLOYD LESLIE	10	177	364	DAISY	03-08	0	DHI	21687	3.4	733	3.8	821
OJ ELMER STOLTZFUS	36	2170	324	CATHY	04-03	3	DHI-AP	22090	3.3	732	3.7	821
OGALEN BOLLINGER	38	7013	788		03-04	2	DHI-AP	22369	3.1	702	3.9	880
OGALEN BOLLINGER	38	7013	781		04-00	3	DHI-AP	21901	3.2	700	3.5	771
OROBERT KENSINGER	07	304	304		01-10	1	DHI-AP	22938	3.0	695	3.4	781
OPAINTER LAND FARM	59	819	375		03-05	2	DHI-APCS	21477	3.2	691	4.0	867
ODAVID B KRAEER	63	324	21		04-04	3	DHI-APT	19156	3.6	685	4.4	851
OPAINTER LAND FARM	59	819	451		07-01	6	DHI-APCS	22156	3.1	681	3.4	764
OSIDNEY MARTIN & SONS	20	65	423		04-10	3	DHI-AP	18766	3.6	679	3.8	714
OSKIP KENNEDY	59	918	18	BETH	05-04	4	DHI-AP	18881	3.5	664	5.4	1012
OSIDNEY MARTIN & SONS	20	65	424		04-03	3	DHI-AP	18819	3.5	661	4.0	760
OWALNUT LANE FARM	28	236	682	KITTEN	02-02	1	DHIR	20191	3.3	660	3.3	664
OMARTIN M WEAVER	15	565	615		04-10	3	DHI-AP	19545	3.4	659	3.6	709
OABNER R KING	15	834	106	PUDDING	04-01	3	DHI	20335	3.2	645	3.6	735
OGERALD HURD JR	59	784	101		07-04	6	DHI-AP	18228	3.5	643	4.1	751
OPAINTER LAND FARM	59	819	519		02-04	1	DHI-APCS	19784	3.2	641	3.5	686
OPRED PAZZAGLIA #1	59	501	298		01-09	1	DHI-AP	18982	3.4	639	3.7	697
OBISBEE FARM	25	857	134		06-10	0	DHI-AP	19986	3.2	638	3.8	759
OPAINTER LAND FARM	59	819	378		03-10	2	DHI-APCS	20645	3.1	638	3.4	701
OPAINTER LAND FARM	59	819	476		07-06	7	DHI-APCS	20015	3.2	633	3.0	610
OPAINTER LAND FARM	59	819	373		03-07	2	DHI-APCS	19344	3.3	631	4.1	796
OSTANHOPE FARMS	20	695	104		02-11	2	DHIR	19345	3.2	628	4.2	814

RED & WHITE

Farm Name	Co	Herd	Index	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production-----				
								Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
OSTONER DAIRY	01	31	533		04-03	3	DHI-AP	30221	2.9	874	3.2	964
OMATT WILL RAW	08	1218	326	LULU	04-09	2	DHI-APT	27791	3.0	846	4.6	1277
OGLENN B GOCKLEY	06	352	220	RED 21	04-02	3	DHI-APT	24507	3.4	832	2.5	624
OJO JEN HESS	01	275	6	TOMMY	06-05	5	DHI-AP	27070	3.1	828	2.7	742
OMATT WILL RAW	08	1218	307	DEWISE	06-05	5	DHI-APT	29691	2.8	826	3.2	953
OMATT WILL RAW	08	1218	324	SORCHA	03-03	2	DHI-APT	26768	3.1	824	3.3	884
OMATT WILL RAW	08	1218	314	TEMPEST	04-09	3	DHI-APT	20992	3.9	814	4.2	874
OKAU-MAR FARM	14	276	384	CAROLA	04-10	3	DHI-APCS	25830	3.1	813	3.6	927
OELI S KING	36	1682	103	CAVILER	06-02	5	DHI-AP	27268	3.0	811	3.1	845
ODOUG+DIANE HASTINGS	62	166	53	CINIMON	02-07	2	DHI	24276	3.3	811	4.2	1012
OKAU-MAR FARM	14	276	380	HATTIE	05-05	4	DHI-APCS	23745	3.4	809	3.7	869
ODU VALLEY FARMS	29	103	372	HANNAH	04-02	3	DHI	22848	3.5	794	3.7	838
OMATT WILL RAW	08	1218	301	SOPHIE	07-03	5	DHI-APT	25686	3.1	791	3.6	927
OMATT WILL RAW	08	1218	334	KIT II	02-04	1	DHI-APT	24708	3.2	780	3.1	754
OMATT WILL RAW	08	1218	339	CHER	02-09	1	DHI-APT	24271	3.2	769	3.2	771
OKARL W HERR R-W	36	1877	126	PAMELA	03-08	2	DHI	22368	3.4	768	4.0	884
ODON MATTISON	59	882	48	AMOS	05-06	0	DHI	22787	3.4	768	3.5	807
ODUANE LAPP	47	138	155	JILL	07-02	5	DHI	22655	3.4	765	4.4	1004
OSTONER DAIRY	01	31	554		04-01	3	DHI-AP	23659	3.2	765	3.9	917
ODUVALL BROS	29	125	294	G 70	07-09	6	DHI-AP	23801	3.2	763	3.6	862
OKIN DU FARM	29	7039	415	MOLLY	04-05	3	DHI	23377	3.3	763	4.0	931
OALAN & RHONA CUSTEAD	20	582	178	PUNKY	06-03	4	DHI	26273	2.9	761	2.9	751
OKAU-MAR FARM	14	276	376	RUSTY	05-06	4	DHI-APCS	23637	3.2	760	3.9	917
OCHESTER SOLTYS III	46	583	52		04-07	3	DHI	23436	3.2	754	3.3	765
OSTEEP MEADOW FARM	15	959	3		05-04	0	DHI-AP	23521	3.2	753	3.4	808

SCC HERD LISTING FOR ST

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--ing Yr-Herd Average -----

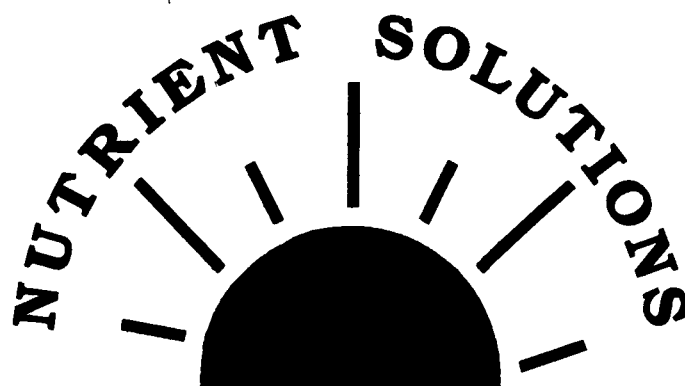


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FACT...

If you follow legislative happenings you know Farm Nutrient Management Planning is one of the big topics of discussion these days. It's been said before, and it is true - no one is more concerned about the environment than the farmer and his ag dealer - they make their living in direct contact with the environment every day! But as science continues to unveil new knowledge about farm nutrient cycles and their true effect on the environment, soils, and crop growth professional experience and knowledge become increasingly important to the farmer. This is why farmers are turning to their farm commodity suppliers more today than ever before.

FACT...

Gro-Mor Plant Food Company is among these progressive fertilizer dealers, having served the farming community for over 11 years. And now this company has formed a new division called "Nutrient Solutions in Agriculture" to provide state of the art, computerized farm nutrient management planning.

SEE US AT THE FARM SHOW...

Gro-Mor Plant Food Company extends a warm welcome to all to visit their booth at The 77th Annual Pennsylvania Farm Show, January 9th - 14th, spaces 620 & 621.

A demonstration of this new system is being planned, so farmers can bring copies of recent soil and/or manure test reports to the booth for a free review. Visitors to the booth may also discover the added values of using "true solution" liquid fertilizers in their operation!



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Late Notice Of Special Consignment At New Holland Sales Stables, Inc.



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13 Registered Cows selected from an overstocked Centre County Herd.

Present Herd Average 22,150M 3.5 Test.

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WILKES-BARRE (Luzerne Co.) — Each year we lose half a million acres of forested land in the United States, not to timber harvesting, but instead to suburban sprawl. The exact features that often draw people toward a home nestled in the woods are being destroyed during the building process.

Trees are valuable assets to commercial and residential property, contributing up to 25 percent of the retail value, and have been ranked sixth by realtors as an influencing factor in property sales. During construction, damage to trees often causes tree decline and death, only to be followed by expensive removal costs.

On January 20, Penn. State Cooperative Extension in cooperation with the PA Urban and Community Forestry Council, Bureau of Forestry, Conservation Districts, Pennsylvania Environmental Council, and the Pocono NE-RC&D Forestry Committee will hold a seminar for members of the construction industry, community officials and planners, and natural resource professionals, titled "Building With Nature: Protecting Trees during Construction to Enhance Development Value and Salability."

Topics will include creative site

design and planning, the damaging effects of construction, low impact techniques used to protect trees, and a panel discussion with representatives of various professions.

The workshop will be held at Capri's Restaurant on Lake Wallenpaupack. The workshop registration fee is \$25 per person, which includes lunch and handout materials. Pre-registration is required before January 13.

For more information, call Luzerne County Cooperative Extension at (717) 825-1701, or (717) 459-0736 ext. 701.

Public Auction

Antiques & Farm Equipment For

Mr. Frank Stiles

January 15, 1993

Friday 9:30 A.M.

Severe Storm Date: Sat., Jan. 16, 1993

Aura Whigland Rd., Route 619, Hardingville, N.J.

Tractors:

1985 Model 2950 J.D. w/265 loader, 1977 model 4030 J.D. w/cab, 1980 L245 H Model offset Kubota, 1973 Model 3000 Ford, International 06 Orchard tractor, 1986 Ford, 1710 offset tractor.

Trucks:

1985 Model 1317 Mercedes Diesel w/18' body, 1980 Model 1116 Mercedes w/14' body, 1983 F.150 Ford P.U., 1985 Honda 3 Wheeler.

Irrigation:

Deutz Air Diesel w/Hale pump (3 yr old-600 hrs), Int. w/Marlow pump, V8 Ford Industrial w/Marlow pump, 6 cyl Ford w/4" pump, 3 Irrigation guns on wheels, 2-3' sand filters w/gauges, drip irr. hose, 90 pcs. 2" Alum. pipe w/sprinklers, 100-4" pcs. pipe, 32 pcs. 6" pipe, 2-6" suction lines, 2 pipe trailers.

Grading Equipment:

Ag Pak grader 2-4" line (interchangeable), 5 sizers w/36' 2 way belt, capable of 500 baskets per hr, Grader 2 yrs old, ready to go to work, Dual box maker, Parksville hydrocooler.

Field Equipment:

Kinkelder Sprayer (orchard or row crop), 500 gal. high pressure boom sprayer, Kenco bed former, Kenco plastic layer, Water Wheel Planter, 300 gal. Century Weed sprayer, basket cultivator, John Beam Air Blast sprayer, J.D. cut harrow, J.D. sub soiler, 7-71 J.D., J.D. cultivator, Ferguson 5' PTO Rovator, Ferguson 3 Pth. cultivator, 2-3 Pth. Pot Planters, 2 row sweet Potato digger, 3 Pth. sweet potato ridger, M.F. 7' chisel Plow, M.F. 4-16" bottom plow, tool bar & marker on wheels, Pruning compressor, lettuce cultivator, Vicon spreader, offset grass cutter, Int. 14' Cut harrow, Plastic loader, box scraper, 3 Pth. scraper blade, Fertilizer drill, 16' spring tooth harrow, scratch harrow, Barrel Planter, 2-Mechanical transplanters, 500+ plastic baskets, 10,000 plastic trays, Pressure treated fence posts, wires for tunnels, lot of good crib house tools, Hot bed sash, Stan hay model S870 planter.

Wagons:

2-Knowles w/20' bed, 1-Knowles w/16' bed, 2 other wagons - 1 yr old, 1 wagon 2 yr old, 2 tandem trailers, 1-15' Shop trailer (shop on wheels).

Labor House Equipment:

Beds, good metal lockers, Blankets, Refrigerators, etc

Antiques:

Beautiful victorian pump organ w/bev. glass mirror, victorian coat rack w/mirror and marble top, depression era dining room set w/side board, buffet, China Closet, table, 6 chairs, Hoosier cab w/sifter, walnut library table, old Pot belly stove, old floor model radios, depression era kitchen set, old bureaus, school desks, trunks, Marble mantle clock, Dog Patch 4 wind up toy (Daisey Mae & Little Abneer playing Piano), Metal wind up boy on tricycle, Metal Merry Go Round w/original box, Rabbit Choc Mold, Metal toy trunks, old Quilts, Very old dressers, Metal doll stroller, Metal doll house & furniture, Bisque dolls, old Photo Albums, Clevenger glass, depression glass, Heisey Pitcher, Saxon China, Wooden grain Cradle, Wooden wheelbarrow, Wooden grain Cradle, Wooden wheelbarrow, Wood beam plow.

Household Items:

Side by Side G.E. Refrigerator w/ice maker (like new), G.E. Washer & Dryer, G.E. Dishwasher, G.E. Electric Range (approx 4 yrs. old), Whirlpool Refrigerator, (All appliances in house and in working condition). Auctioneer's Note: Owner having sold farm, everything will be sold to highest bidder. Owner or seller not responsible for loss or injury related to sale. Out of State buyers must have a bank letter of credit. All equipment in very good condition.

Directions: From C. Barry Bridge, Take 322 East to Rt. 538, Turn off 538 at Hardingville Church. From Del. M Bridge take US 40 East past Woodstown Turn off Rt. 40 on Whiglane Rd. (watch for signs) off Road Parking.

Ralph D. Hughes - Auctioneer
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Lunch-Available

AUCTION

31 BANKS AND LENDING INSTITUTIONS OFFER
APPROX. 175 REPOSSESSED AND LEASE VEHICLES
Many Absolutes*

SATURDAY, JANUARY 9, 1993 AT 10:45 A.M.

(Snow Date January 16, 1993 At 10:45 A.M.)

Keystone Public Auto Exchange, Rt. 22/322 Between Dauphin & Clarks Ferry Bridge.

1992 Dodge Dakota Ext Cab 4x4, AT, A/C, 8,700 (M)
1992 Hyun Elantra Sdn, 5 Spd, A/C-PW-PL, Wht 21,400 (M)
1992 Ford Ranger XLT, 5 Spd, Red, 16,300 (M)
1992 Ford Ranger XLT, V6, 5 Spd, 4,800 (M)
1991 Jaguar XJS Conv V12, AT, Loaded, Black, 18,000 (M)
1991 Chevy Cavalier RS, 5 Spd, A/C, Maroon, 34,000 (M)
1991 Ford Ranger, 5 Spd, Red, 17,900 (M)
1991 Ford Thunderbird, AT, Loaded, Blue, 535 (M)
1991 Pont Sunbird Conv, AT-A/C-PW-PL, Wht 25,900 (M)
1991 Pontiac Trans AM GTA, AT, Ld, Dk Grn, 29,000 (M)
1991 Chevy S10 Ext Cab Tk, V6, AT, Gray
1991 Geo Metro, 5 Spd, Maroon, 19,700 (M)
1991 Ford Escort Pony, Red, 63,000 (M)
1991 Dodge Shadow, Green, 25,000 (M)
1991 Geo Storm, AT, A/C, Blue, 13,000 (M)
1991 Chevy Camaro, V6, AT, A/C, Red, 26,000 (M)
1991 Dodge D-50 Club Cab, AT, Red, 28,000 (M)
1990 Mazda 929S, 13,000 (M)
1990 Lincoln Continental
1990 Geo Storm, 5 Spd, Green, 43,000 (M)
1990 Chevy Lumina, 4 Cyl, AT, Loaded
1990 Geo Spectrum Sdn, AT, White
1990 Chevy Beretta, AT, A/C, Green
1990 Geo Storm, AT, A/C, Green (Fire Damage)
1990 Chevy S10 Tk, 4 Cyl, Blue
1990 Honda Civic Sdn, AT, Loaded, 32,000 (M)
1990 Chevy Cavalier Sdn, AT, A/C, Gray
1990 Ford Festiva LX, AT, Red, 17,000 (M)
1990 Ford Ranger, V6, AT, Black/Silver
1990 Pontiac Grand AM, Maroon, 67,700 (M)
1990 Chevy Lumina
1990 Dodge W150 4x4 Tk, V8, AT, A/C, 37,000 (M)
1989 Audi Quattro 4000 CS, Red, 59,000 (M)
1989 Ford Conversion Van, V8, AT, Loaded, 36,000 (M)
1989 Lincoln Continental V6, AT, Loaded, Black
1989 Chevy Cavalier CP, AT, White
1989 Dodge Caravan, V6, AT, Loaded, Blue
1989 Chevy Cavalier
1989 Pontiac Sunbird Sdn, AT, A/C, Blue
1989 Lincoln Continental, V6, Cream
1989 Chevy C1500 Tk, V8, AT, A/C, Blue
1989 Eagle Medallion, 4 Cyl, AT, A/C, Red, 60,000 (M)
1989 Mazda 626 Sdn, AT, Loaded, Brown, 77,000 (M)
1989 Cadillac Sdn Deville, V8, AT, Ld, Gray, 72,000 (M)
1989 Chevy Suburban 6.2 Diesel, Blue/Silver, 37,000 (M)
1989 Mercury Topaz Sdn
1989 Chevy S10 4x4 Tk, Black, 43,300 (M)
1989 Ford F150 XLT Lariat 4x4, Red/Silver
1989 Ford Tempo Sdn, AT-A/C-PW-PL, Burg, 57,000 (M)
1989 Ford Probe, 5 Spd, A/C, Maroon, 43,000 (M)
1989 Mitsubishi Mirage Sdn, AT, A/C, White, 52,700 (M)
1989 Ford F150 4x4 Tk, 5 Spd, 6 Cyl, 115,000 (M)
1989 Ford Taurus SW
1989 Chrysler Lebaron Conv, 4 Cyl, AT, A/C

1989 Ford Cargo Van
1989 Plymouth Colt 3 Dr, 5 Spd, A/C, Red
1989 Mercury Grand Marquis
1989 Ford Tempo GL Sdn, 4 Cyl, AT, A/C, 58,000 (M)
1989 K20 4x4 Tk, V8, AT, A/C, 41,000 (M)
1988 Chevy S10 Blazer, V6, 5 Spd, A/C-PW-PL, 84,000 (M)
1988 Dodge Shadow
1988 Dodge Caravan, V6, AT, A/C, PW, PL
1988 Ford Aerostar (Cargo)
1988 Mercury Tracer SW, AT, A/C, Blue, 41,000 (M)
1988 Plymouth Sundance CP, AT, A/C, 44,000 (M)
1988 Chrysler Lebaron Conv Turbo, AT, A/C, 45,000 (M)
1988 Dodge Caravan LE, AT, Loaded, Brown
1988 Olds Delta 88, V6, AT, A/C
1988 Dodge 600 Sdn
1988 Nissan 4x4 Tk (Damaged)
1988 Ford Mustang, White, 53,400 (M)
1988 Saab 900 Sdn, Red, 84,000 (M)
1988 Lincoln Towncar, V8, Loaded, 61,000 (M)
1988 Chevy Beretta, AT, A/C, PW, PL, Silver, 52,000 (M)
1988 Ford Ranger
1988 Lincoln Towncar
1988 Mercury Tracer
1987 Honda Accord
1987 Buick Riviera CP, V6, AT, Loaded, Black
1987 Mazda RX7, AT, A/C, Red, 57,000 (M)
1987 Ford Econoline Van, AT, A/C, 106,000 (M)
1987 Ford Taurus Sdn, AT, Loaded, 70,000 (M)
1987 Buick Century Sdn
1987 Mazda 323 LX, AT, Blue
1987 Ford Aerostar, V6, AT, Loaded
1987 Chrysler Lebaron CP, AT, A/C, 77,000 (M)
1987 Chevy Cavalier
1987 Lincoln Continental
1987 Hyundai Excel CP, 5 Spd, 52,000 (M)
1987 Nissan Pulsar
1987 Mercury Cougar, V6, AT, Loaded, 74,000 (M)
1986 Chrysler 5th Ave, V8, AT, Loaded, 68,000 (M)
1986 Honda Accord, 5 Spd, A/C, PW, PL, 85,000 (M)
1986 BMW 325ES CP, V6, 5 Spd, A/C-PW-PL, 88,000 (M)
1986 Lincoln Towncar
1986 Olds 442, AT, A/C, Green, 114,000 (M)
1986 GMC 7000 Box Tk
1985 Jaguar XJ6 Sdn, AT, Loaded, 102,000 (M)
1985 Ford Mustang, AT, 99,000 (M)
1985 Chevy C20 Tk, 76,000 (M)
1985 Mercury Grand Marquis
1985 Merkur XR4Ti
1985 Buick Park Ave Sdn, V6, AT, Loaded
1985 Ford F150 Tk, 4 Spd, Gray, 79,000 (M)
1985 Chevy Caprice SW
1983 Dodge Conversion Van

ALL VEHICLES LISTED ABOVE WITH AN ASTERISK (*) SOLD "AS IS" TO THE HIGHEST BIDDER REGARDLESS OF PRICE!! ALL OTHERS ARE SOLD WITH THE RIGHT TO "ACCEPT OR REJECT" THE BID. TERMS PUBLIC BUYERS - CASH DEPOSIT OF \$700.00 PLUS ADDITIONAL 25% OF PURCHASE PRICE IN CASH ON DAY OF AUCTION. BALANCE DUE NEXT BUSINESS DAY - IN CASH ONLY!! NO EXCEPTIONS! DEALER CHECKS ACCEPTED. TEMP. TAGS W/PROOF OF INSURANCE, TITLE WORK/NOTARY ON PREMISES. PLENTY OF PARKING AND FOOD. CALL 717-921-2200 FOR CONSIGNMENT INFORMATION.

THIS IS A PARTIAL LISTING OF VEHICLES. THERE WILL BE APPROX. 60 MORE REPOSSESSIONS AND OFF LEASE VEHICLES EXPECTED IN THE SALE

NOTE: GMAC WILL OFFER APPROX. 35 UNITS WITH THE RIGHT TO ACCEPT OR REJECT BIDS RUNNING IN THE "C LANE" AT APPROX. 11:30.

Information believed to be accurate but not guaranteed and subject to change or redemption.

APPROX. 175 DEALER AND PUBLIC UNITS IN ADDITION WILL ALSO BE AVAILABLE FOR SALE DAY IF YOU WISH TO SELL A VEHICLE, CALL NOW FOR INFO: 717-921-2200.

PLEASE NOTE: CHILDREN UNDER 16 YRS OF AGE WILL NOT BE ADMITTED UNDER ANY CIRCUMSTANCES!!



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AH-000057-L

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

JANUARY

WED. JAN. 6 - Special
Consignment at New Hol-
land Sales Stables, Inc.
Dairy Sale. Norman &
David Kolb, Mgrs.

FRI. JAN. 8 - 9AM, Steel &
Metal Working Machinery &
Air Compressors. Located
At Diffenbach's New Hol-
land Auction Center, 100
W. Jackson St., New Hol-
land, Pa. 17557. Owner,

Stoltzfus Hardware &
Equipment. A&C Diffen-
bach Auction Inc.

SAT. JAN. 9 - 9AM, Anti-
ques & Furniture From Loc-
al Estates. Located At Rud-
nick's Sales, Route 213,
Galena, Md. Harry Rudnick
& Sons, Inc., Auctions.

SAT. JAN. 9 - 10AM, Dis-
persal Auction Located At
Jack Wood's Sale Barn,
Located On Taylor Valley

Rd., Approx. 2 Miles North
Of Cincinnati, N.Y., Just
Off Route 26. Watch For
Auction Arrows From Cin-
cinnatus. Owner, Estate Of
Jack E. Wood, Carol Wood,
Executrix. Mel Manasse,
John Weidman, Sr., Tim
Miller & Tom Adams,
Aucts.

SAT. JAN. 9 - 10:45AM
Keystone Public Auto
Exchange, Rt. 22/322
between Dauphin & Clarks
Ferry Bridge. 31 Banks and
Lending Institutions Offer
175 Repossessed and
Lease Vehicles Kerry Pae,
aucts.

Lancaster Farming, Saturday, January 2, 1993-A35

Board Adopts

(Continued from Page A29)

cause of the hard work and leader-
ship of Sandy Ludeman who has
helped chart the course for the
USB during its first year," said
Phillips.

Ludeman steps down as USB
chairman, but he was elected as an
ex-officio member of the Execu-
tive Committee and appointed to
the Research Committee.

Alan Puzey, Fairmont, Ill. was
elected USB vice chairman and
was reappointed chairman of the
Strategic Planning Committee.

Norman Chambers, Corwith,
Iowa was re-elected USB Secre-
tary, and re-appointed chairman of
the Producer Communications
Committee.

Barry Mumby, Fulton, Mich.
was re-elected USB treasurer and
re-appointed chairman of the Bud-
get and Finance Committee.

Two new members were elect-
ed to the Executive Committee:
Russ Roe, LeRoy, Minn. who was
appointed chairman of the Con-
sumer Information Committee
and Alvin Blaha, Petersburg, Va.,
who was appointed chairman of
the Compliance and Credentials
Committee.

Other Executive Committee
Chairmen re-elected and re-ap-
pointed for 1993 are David Wink-
les, Sumter, S.C. appointed chair-
man of the Industry Information
Committee; Robert Sinner, Cas-
selton, N.D. re-appointed chair-
man of the Promotions Commit-
tee; Jerry Slocum, Coldwater,
Miss. re-appointed chairman of
the Audit and Evaluation Commit-
tee; and David Womack, Shelby-
ville, Tenn. re-appointed chair-
man of the Research Committee

FARM EQUIPMENT AUCTION

JANUARY 15, 1993

9:00 A.M.
CONSIGNMENTS WELCOME!

TRACTORS- 4600 Ford 4 WD w/Ldr.;
6610 Ford; 6060 AC; 175 AC Crop Hust-
ler; Case 500 Diesel - Belt Power; 150 Ver-
satile; 4230 JD; 135 MF Diesel; 65 MF
Diesel; Farmall Super M JD G.P.; Farmall
H; 830 Case - Gas; F20 Farmall; 440 JD
Crawler Loader.

FARM EQUIPMENT- New NI 4 Row Corn
Planter; Brillion Seeder; IH 440 Baler; NI
10A & NI 12A Spreader - Rebuilt; Cun-
ningham Crimper; Glenco Chisel Plow; IH
450 3 Bt. Automatic Plow; IH 45 Vibra
Shank Cultivator; 455 NH Mower; Case
Disc; New PHD - New 5' Rotary Mowers;
NH 352 Grinder Mixer; (New)- Honda
Mod. #ES6500 Generator, Gas And Or
Propane 220 & 110, Electric Start, Port-
able On Wheels - With Extra Filters &
Plugs; Parts Bins.

ALL ADVERTISED ITEMS SUBJECT
TO PRIOR SALE

RECEIVING DAYS- MONDAY THRU
THURSDAY, JANUARY 11 THRU
JANUARY 14 - 7 A.M. TO 5 P.M.

SALE ORDER

9:00 A.M.- Sale Starts

9:30 A.M.- Large Equipment

12 Noon- Farm Tractors

12 Noon- Lawn & Garden Equipment

1:00 P.M.- Shrubbery

A. & C. Diffenbach Auction Inc.

100 W. Jackson St., Box 186

New Holland, Pa. 17557

(717) 355-7253

Fax# 355-9547

Alan Diffenbach Auct.- AU2258-L

IMPORTANT EQUIPMENT AUCTION

TEITSWORTH SALE LOT
GROVELAND, N.Y.

TOWN EQUIPMENT, SECURED
CREDITOR EQUIPMENT,
GRAIN EQUIPMENT, FARM &
CONSTRUCTION EQUIPMENT
CONSIGNMENTS

SATURDAY, JAN. 16, 1992
@ 9:00 A.M.

LOCATION: Auction will be held on Bar-
ber Hill Road, Groveland, 8 Miles S.E. of
Geneseo, 2 Miles S.W. of Conesus Lake,
watch for arrows.

SELLING: JD 7020 w/duals; JD 4230; JD
3020; JD 350 & 450B 6 way dozers; JD 2010
dozer; AC HD7 dozer; IH 806G; IH 300; IH
1420 Combine 4WD; Dynahoe Tractor Back-
hoe; Hough 2WD payload; 4, 5 & 6B JD
plows; Also over 100 pieces of farm
machinery.

FROM A FABRICATING SHOP: Work
tables; ladders; pallet & iron racks; power
hacksaw; belt sanders; Forge; Lockers; trol-
leys & much more.

(7) TRUCKS

(2) FIRE TRUCKS

GRAIN SYSTEM: With approx. 30,000 Bu.
storage & dryers.

LIQUID STORAGE TANKS: We will sell
(3) tanks, Approx. 10,000 gal. ea. Located in
Wayne County.

TRAFFIC COUNTERS: (32) Traffic Coun-
ters w/accessories.

This is a sample list only-more will be added.
Consignments welcome. Let us know what
you are bringing so we can advertise. Watch
next weeks ad for more details.

Roy Teitsworth, Inc.

PROFESSIONAL AUCTIONEERS

Sale Manager & Auctioneer

6502 Barber Hill Rd.,

Geneseo, N.Y. 14454

716-243-1563



PUBLIC AUCTION

AT RUDNICK'S SALES,
ROUTE 213, GALENA, MD.

SATURDAY, JAN. 9th, 1993
AT 9:00 A.M.

Antiques And Furniture From Local Estates To In-
clude: Complete House Of Furniture From Newport,
Del., Mahogany Bedroom Furniture, Mahogany Dining
Room Set, French Style Lingerie Chest, Kitchenware,
Plus Lots Of Hand Tools, Lawnmower, Ladders, Garden
Tools, Etc. New 1962 Diet Soda Clock, 54 Pc. Of
Magnolia Stangl Dinner Set, Netsukes, Porcelain Face
German Anniversary Clock, 1916 Beer Sign, 4 Drawer
Sheraton Chest, 16 Tin Pie Safe, Chipp. Style Mirror,
Signed Water Colors, Candlewick, Heisey, Fostoria, Car-
nival, Cut Glass, Colored Glass, Pressed Glass, Limoges,
Sterling, Silverplate, Hull, Roseville, Weller, Hummels,
Nippon, Oil Lamps, Electric Lamps, Shaving Mirror,
Composition Dolls, 14 And 18 Kt. Gold Nugget Rings, Pr.
Hummel Lamps. Jewelry To Include: Diamond, Ruby,
Opal And Emerald Rings, Emerald Necklace, 3 ct. Dia-
mond Tennis Bracelet, 1 CT. Diamond Ring In Platinum
Setting, Ladies Gold Pocket Watch c1890. Also A Fine
Selection Of Oriental Rugs.

Our Next Antique And Furniture Sale
Will Be Sat. Jan. 23, 1993

HARRY RUDNICK & SONS, INC.

Sales Manager, Auctioneers, Real Estate Broker
Galena, MD 21635 Phone: 410-648-5601

PUBLIC AUCTION

FRIDAY, JAN. 8, 1993 - 9:00 A.M.

STEEL & METAL WORKING
MACHINERY & AIR COMPRESSORS

Sale To Be Held At: Diffenbach's New
Holland Auction Center - 100 W. Jackson
St., New Holland, PA. 17557.

Approx. 10 Quincy Air Compressors From
2 To 15 H.P. Table Saws; Drill Presses; Band
Saws; Arbor Presses. New 8' Jointer; New 15"
Ryobi Miter Saw; New & Used Air Motors;
Air Skillsaws; Air Table Saws; New & Used
Air Staplers & Nailers; 12" Craftsman Radial
Air Saw; 3000 Lb. Snap On Bumper Lift- Air
Operated; Marquette Model 40-275 Engine
Analyzer-Routers.

1 Clark 6000 Lb. Forklift w/Steel Wheels; 5
Small Forklifts- Need Repairs; 4 Set Forklift
Forks; Platform Scales; Lift Rite Air Operated
Pallet Lift; Parts Washer; Lots Of Never Used
Hydraulic Motors & Pumps & Hyd.
Cylinders- Relief Valves, Etc. Visers; Lots Of
Parker 12 V Or Electric Over Air Valves- New
In Boxes; Parke Quick Connectors; Power
Drive Threader; Lot Of Ridgid Tools; Air
Vise; Pallet Jack; Air Drills; Paint Sprayers;
Hoists; Torch Hoses; Gauges; Office Desks &
Chairs; Large & Small Air Cylinders; Air
Grease Pumps; Lots Of Punch Press Die
Heads; And Many More Items....

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ALAN DIFFENBACH, AUCT.-AU2258-L

ESTATE OF JACK E. WOOD DISPERSAL AUCTION

Taylor Valley Rd., Cincinnati, N.Y. 13040

SATURDAY, JANUARY 9, 1993

10:00 A.M.

Sale to be held at Jack Wood's Sale Barn, located on Taylor
Valley Rd., approx. 2 miles North of Cincinnati, N.Y., just off
Route 26. Watch for Auction Arrows from Cincinnati.

SOMETHING FOR EVERYONE

Large metal tool box w/tools, on wheels; (7) kerosene salamanders; bat-
tery charger; (4) wooden portable barn fans; (3) metal portable barn fans;
Lyndee Super 6 semen tank; (3) pressure washers (2 JD; 1 Century); fenc-
ing equip; (2) welders; large air compressor; hydraulic jacks; pipe vise;
drill press; lots of bolts; (2) Oxy-Acetelene outfits; Win-Power 15kw
generator; portable Coleman 4000 kw gas-powered generator; Black &
Decker 3/4" drive drill; 3/4" drive socket set; (2) cement mixers; elec.
hack saw; plus lots of other tools, etc., etc.

AUCTION EQUIPMENT: (2) tents to include, 30x40 & 40x60 tents;
elec. sign & letters; lots of folding chairs; bleachers; portable auction plat-
form; Wireless PA system; office equipment; (Brand New auction topper
for pick-up, bought new Sept. 1992); portable loading chute; squeeze
chute w/head gate; lots & lots of metal gates from 8' to 18'; grill, refriger-
ators, etc. used in the sales arena for lunches.

FARM MACHINERY: JD #4230 diesel tractor w/18.4x38 rubber,
(chains) & JD #148 loader; JD #4010 diesel wide front tractor, rebuilt
engine & hydraulic pump; Farmall Super M tractor (gas) (Super!); NH
#488 haybine; Kuhn 4 umbrella tedder; Kuhn side delivery rake (like
new); JD side delivery rake; NH #276 baler w/thrower; (5) kicker wagons
on good gears; 10 Ton Kory wagon w/flat bed rack; JD 4 btm. #350
hydraulic reset plow; land roller; Int. transport disk w/dual wheels; Int.
#510 13 hoe disk opening grain drill; Knowles 12' drag; AC 4 row corn
planter; Gehl #400 chopper w/1 row cornhead & pickup head; JD #3800
chopper w/1 row corn head; JD #66 blower; feeder wagon; Int. #120 self-
unloading wagon; Gehl 3 beater self unloading wagon w/roof; 40' hay &
grain elevator; 20' skeleton elevator; **SPECIAL: 80' HAYRITE MOW
CONVEYOR** (never been installed, Brand New); NI #351 manure
spreader; (2) fence trailers; Girton feed cart; Uebler grain cart; (4) fuel
tanks; (2) have elec. pumps; Surge milker pump; Bovi-Jack for lifting
down cows; 6' Bush Hog rotary mower; quantity of fence posts; Little
Rhino 6' black blade for big hsp. tractor plus other farm machinery.

PRODUCE: Approx. 3500 bales of GOOD hay; 40' of haylage (2nd cut-
ting) & corn silage in 18' silo.

VEHICLES: 1991 Ford Super Duty (diesel) truck w/5 speed shift, AC &
12' cattle rack (Ex. Cond.); 1989 Chevy 20 Mark III conversion van, V-8
auto. 21,000 actual miles, (all the "bells & whistles", even TV; 1986
Cadillac Fleetwood Brougham w/new motor; 1987 Chevy V-8 auto. pick-
up truck w/snowplow, 4 Wh. Dr., & 5th wheel hook-up; 1986 Silverado
Chevy pick-up, 4 Wh. Dr. used w/Auction topper; 1979 Chevy 4 Wh.
Drive V-8 auto. pick-up truck; Fleetwood tandem axle camper (used as
office); Haynes 5th wheel 20x6 stock trailer; Colombia gas powered golf
cart; 1977 Chevy 60 series (gas) truck w/cattle body. Most all the vehicles
were bought new by Jack, & have had excellent care.

ORDER OF SALE: Misc. Items & Auction Equip.; 1:00 p.m.
vehicles; 1:30 p.m. farm machinery.

MANAGER'S NOTE: Selling to settle Jack's estate, lots more
than listed. Everything in excellent shape. Come prepared to
spend the day.

TERMS: Cash or good check day of sale with proper ID. Pay-
ment in full day of sale. NO CREDIT!! Lunch Available.

Owner:

ESTATE OF JACK E. WOOD,
Carol Wood, Executrix

Sale Managed By:
MEL MANASSE

1-807-692-4540 Whitney Point, New York 13962 1-800-MANASSE

Auctioneers For The Day

Art Kling,
John Weidman Sr.

Mel Manasse

Tim Miller
Tom Adams



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During this holiday season, we extend sincere thanks for your kindness, support and patronage. You have helped make us the most successful Harvestore Products dealer in North America, and we will strive to continually earn the trust of those we serve.

From everyone at Penn Jersey, warm wishes for the season and hopes for a happy, healthy and prosperous 1993!



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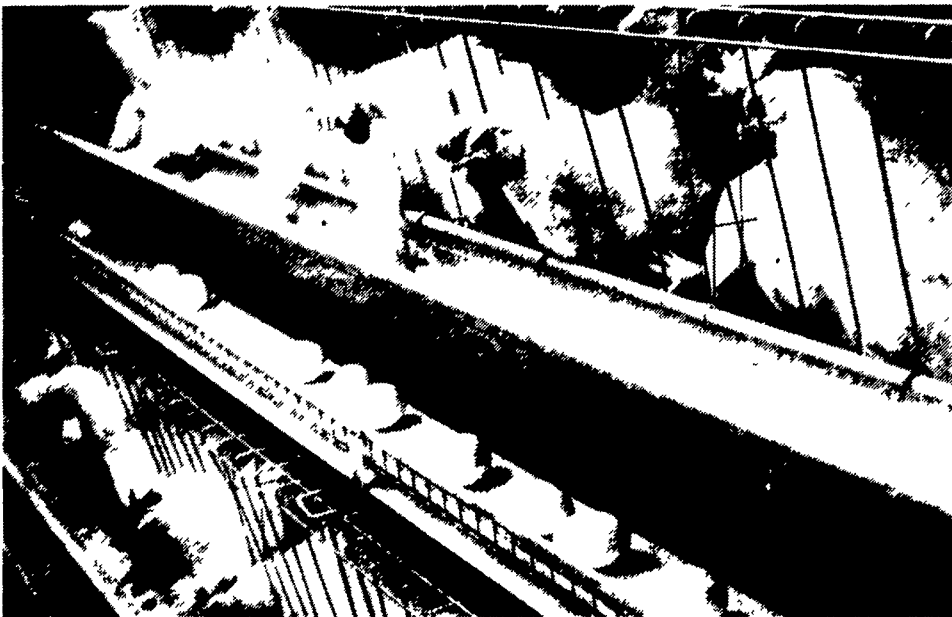
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OPEN HOUSE

TUESDAY, JANUARY 5, 1993

10 AM TO 2 PM

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VENTILATION FEATURES

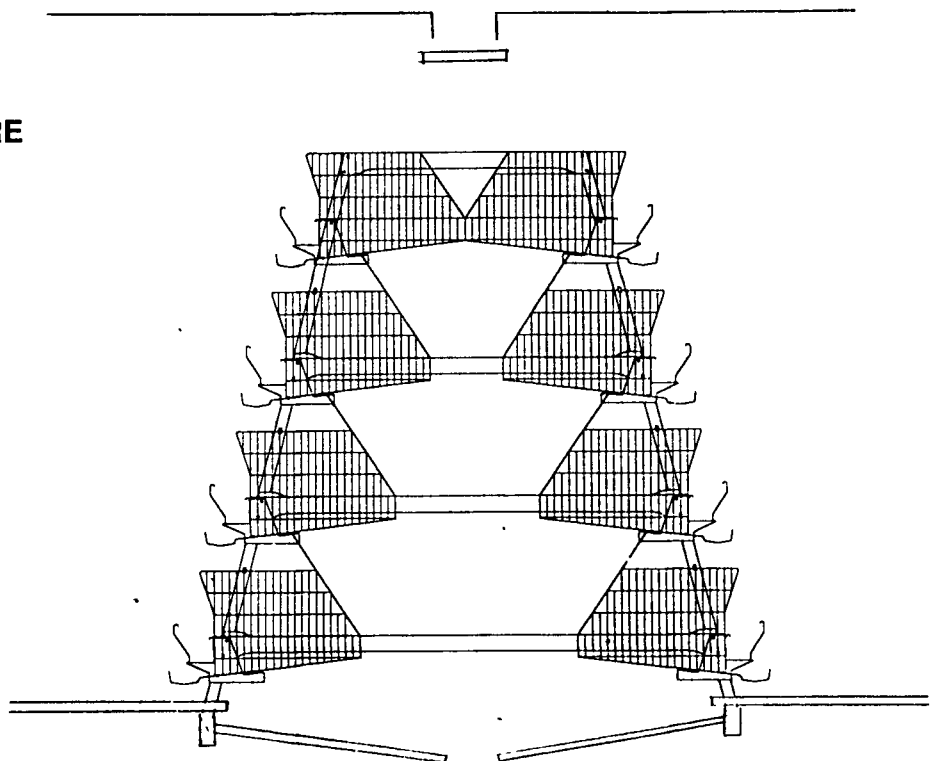
SLOTTED OPENING IN CEILING ABOVE EACH CAGE
ROW PROVIDES FRESH AIR
SLOTTED OPENING UNDER CAGES HELPS TO DRY MANURE
BETTER HOUSE ENVIRONMENT

FEEDER FEATURES

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BETTER FEED CONVERSION
HIGH LIP TROUGH REDUCES SPILLAGE
INTO WALKWAYS
ONLY NECESSARY TO FEED 3 OR 4 TIMES DAILY

SYSTEM FEATURES

BETTER AIR MIXING
FEWER DIRTY EGGS
NIPPLE WATERERS MOUNTED OUT OF CAGE
FRESH AIR TO THE BIRDS
EASILY HANDLED MANURE
LESS FLIES
GENTLE EGG HANDLING
ADAPTABLE TO EXISTING BUILDINGS
GENTLE HANDLING ROD CONVEYOR



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Big Dutchman®
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We Take Customer Satisfaction Personally

Reviewing the Old, Looking Forward To The New

(Continued from Page A1)

Barbara said the area offices served as a liaison between 12 states in the Northeast and Washington. "We had to make sure the information got out and was followed. If people had questions, we needed to get answers."

One of the most mind-boggling issues was learning to deal with employee problems. "It's a lot different in government than dealing with employee problems in private industry," she said. "Long, drawn out procedures take time. Equal employment opportunity laws give everyone the opportunity to present their cases and appeal. It's a real learning experience."

Another area that required diligent study was the acronyms, which every government agency has.

"It was like learning a new language. It was one of the first things I really needed to learn otherwise I couldn't understand what I was reading," she said.

In all, Barbara said it was a challenging year. "The neatest part of the whole job was to meet all the people in state and county offices."

Barbara said that she owes a lot to her husband and sons, who had told her, "You've been here for us, now it's your turn to do something you want to try."

The Gumbines own a 150-head purebred hog and 125-head Dorset sheep operation on their 125-acre Myerstown farm.

"Adjusting to life in Washington was wonderful. It was similar to college life. It taught me to be independent and function on my own. I enjoyed my time in the city. There was always so much going on."

She said, "I have no regrets. I would do it all over again."

Since the New Year brings installation of the newly elected president, Barbara assumes that her politically appointed position will end on January 20.

Although Barbara was disappointed by the election results, she said, "This is what makes government work. I can't be upset. I knew when I accepted this position that it would last one or five years, depending on the election. I have accepted that this is it. I look forward to another opportunity, possibly in four years."



Jim, left, and Gene Schopf experienced a successful year with their produce and capon business — enough to encourage them to expand their operation.

During the next year, Barbara hopes to stay active in agriculture. Her immediate plans are to sell real estate. Long-range plans are to remain involved in Pennsylvania politics.

For Naomi Bupp, 1992 brought unbelievable success to the "Society of Pennsylvania Farm Women Cookbook." Bupp masterminded the cookbook for the Pennsylvania Farm Women Society, which was nine years in the making. Because the organization did not have the money needed to invest in such a large project, Bupp emptied two of her personal savings accounts and borrowed \$12,000 for a total of \$17,000 because she believed in the project.

She thought it would take five years to sell 2,500 copies, which she needed to order for the first printing and to break even with the money invested. Now, the cookbook is in its sixth printing with a total of 15,000 copies sold.

The biggest changes for her during this past year relate to her involvement with the cookbooks. She said, "I tout cookbooks everywhere."

It also has been a time-consuming project. "If I was not semi-retired, I could not have done this because it needs to be top priority all the time," Bupp said of the required mailing, bookwork, and trips to the bank. "Because the cookbooks are not tax exempt, I need to pay taxes monthly."

Bupp is thrilled that the project was so successful. "My dream was that the cookbook would not be so expensive that older farm women could not afford to give cookbooks to their children and grandchildren for gifts. It has served the purpose that I originally wanted."

Profits from cookbook sales are earmarked for the Society of Farm Women's scholarship fund.

Bupp said that it was really the scholarship fund that inspired her to undertake the cookbook project.

"Years ago, my daughter got a \$300 scholarship from the Farm Women. I vowed that somehow, sometime, I would replace that money plus the amount for another scholarship," she said.

This year, her vow came to fruition when cookbook profits enabled Farm Women to award six \$1,000 scholarships.

"The scholarships enabled some to attend college that could not have otherwise," Bupp said. In fact, her own granddaughter was

one of the recipients who benefited from the scholarships.

Of the hard work required, the 70-year-old Bupp said that she was accustomed to it. Her husband had died at 61 years of age. Bupp did not want to sell her farmland. She established her own drapery and slip cover business, which she continues on a part-time basis.

This year, she added an addition to her house. "It's already a big

house, but I added a downstairs bathroom and laundry. If the time comes that I need to live on one floor, my house will be wheelchair-accessible. I've lived here for 47 years, and I want to stay here," she said.

Of her outlook for the future, Bupp said, "No cookbook lasts forever. This will run its course eventually. Everybody says,

(Turn to Page B3)



"I have been able to hang onto my cows — that's the important thing," said Becky Crombert of Chester County.



A vow made years ago came to fruition for Naomi Bupp with successful sales from the Farm Women cookbook, which she funded.



Although Amos Funk has retired from the Ag Preservation Board and the Conservation District Board after decades of service, the 81-year-old plans to work in the business he started as long as he can navigate.

Homestead Notes

Reviewing the Old

(Continued from Page B2)

"There are so many cookbooks on the market. Who needs another one?" I'm shocked to see how people do want it. Collectors want it because the cookbook is very special, it's different, there's not anything on the market anywhere like it. It is an exceptional book."

The cookbook includes 2,240 recipes from Farm Women across the state. It's unique in that the



Anna Mary Wenger, left, and Ruth Thomas have a lot to smile about. The cookbook, "From Mother's Cupboard," that they helped to compile has been selected as one of the Best of the Best From Pennsylvania. The cookbook was one of 80 cookbooks chosen from 160. The Pennsylvania cookbook will be released in fall 1993, and will include three to 10 recipes from each cookbook chosen.

artist took his chair and art supplies and went to homes and gardens to sketch scenes pertaining to the recipes.

Cookbooks may be ordered from Naomi Bupp, Route 2, Box 157, Glen Rock, PA 17327 or call (717) 235-3426. The cookbook costs \$15 plus \$3.50 for postage and handling.

For Schopf Brothers, the past year was one that convinced them to expand their capon and produce business. It was also the year, that Gene, the oldest of the two brothers, married and bought a farm at 3493 Marietta Avenue, Lancaster.

Gene said, "This year in the chicken house, we're going from trough waterers to nipple waterers for cleaner operation and less disease. And it takes care of flood problems."

The brothers will expand the business to encompass twice the square footage for starting capons.

"More 4-H's and FFA's are getting involved with capons, which are becoming more popular. Capons are making a comeback for Easter, Thanksgiving, Christmas, and year round. We hope to bring them back into grocery stores," Gene said.

Gene and his brother, Jim, are also switching from chemical to

Lancaster Farming, Saturday, January 2, 1993-B3



Dennis and Barbara Grumbine faced a multitude of changes when Barbara accepted a political appointment in Washington D.C.

organic fertilizer. They expect better sweet corn yields from that switch.

Their roadside stands have been so successful that they plan to put up a tent and offer more fruits and vegetables during the summer months. Next fall, they will offer pick-your-own pumpkins. And this season, Christmas trees sold

well so they plan to increase sales next year.

"We look forward to the future. We have a positive outlook because we have a good location, products from June through December with a large volume of customers. We hope we will get even more next year as they learn

(Turn to Page B4)

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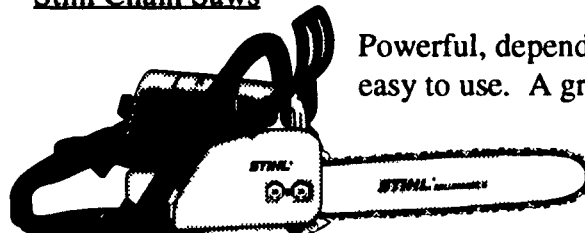
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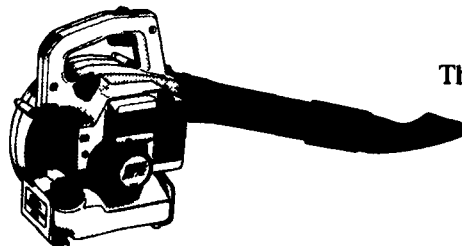


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Reviewing the Old

(Continued from Page B3)

about our good products and prices," Gene said.

Gene teaches at Conestoga Valley High School and coaches ski club and wrestling. Jim is a sophomore at Millersville University and plans to teach math.

For more information on their custom caponizing business, Schopf Brothers may be contacted at 3493 Marietta Avenue, Lancaster or call (717) 285-7748.

It's been a year of change for Steve and Margaret Askews who moved from North Carolina to Manheim in April. The biggest adjustment has been to the cold weather, and Margaret fears that even colder weather is coming.

Steve is the herd manager for Kreider's Dairy, Manheim. As of December, the dairy has a computerized herd, and the Askews are looking forward to a good year there.

Margaret, who paints portraits of bulls on assignment, is pleased that her business is expanding.

As partial payment for painting bulls for Taurus, a bull company, she will have space to exhibit her work at the main floor at the World's Area Expo in Wisconsin. She looks forward to the exposure that will give to her artwork.

Becky Crombert of Chester County hates to be dull, but she said that she hasn't experienced changes during the past year.

"I have been able to hang onto my cows — that's the important thing," she said.

During 1993, she looks forward to working slow and steadily toward her dream of buying her own farm.

Amos Funk, leader in farmland preservation and conservation and founder of Funk's Farm Market and Greenhouse, South Duke Street, Millersville, is now 81 years old.

But he's still working hard to

find ways to increase yield and reduce cost through better management of the market and greenhouse.

"I like to work with cost, production, and profitability. I guess I should have been an economist," he said.

This past year, he and his son Fred, who manages the business, said that customer count and sales were up.

"That's encouraging," Amos said, "but we would like our net profit higher so I'm searching for ways to do that."

The biggest problem the business has had is complying with the new workmen's compensation increase that was mandated, and trying to contain costs so profitability is satisfactory.

Amos resigned from the Ag Preservation Board and chose not to run for re-election when his term for the state conservation committee ended. "I have served under

four governors so I think I should give it up," he said.

He's looking forward to spending more time with his wife, something that has been shortened because of the many meetings he has needed to attend in the past. Amos and his wife are enjoying visiting hospitalized friends.

"I plan to help Fred as much as I can or as long as I'm able to navigate, I will work," Amos said.

"It's been an exciting year," said Anna Mary Wenger of Lititz. "Our cookbook was selected to be included in the Best of the Best From Pennsylvania, a cookbook that will be released in the fall of 1993."

Anna Mary, with the help of the Hammer Creek Mennonite women, compiled the cookbook as a tribute to mothers, grandmothers, and great grandmothers who have passed on the art of cooking, and for children who are the cooks of tomorrow. It was a big step for the women to print 2,000 copies. Now, they are ready to order a second printing.

"This will really give us good



For Margaret Askews, who paints portraits of bulls, the year has been an adjustment from the sunny south to the ice and snow of northern winters.

exposure in areas that haven't heard about us," Anna Mary said. "It goes to cookbook collectors and bookstores across the U.S., so we'll sell more copies."

For a copy of "From Mother's

Cupboard," which includes 785 recipes, entertaining ideas, a history of the church, and household hints, send \$13, which includes postage and handling, to Anna Mary Wenger, 390 Sleepy Hollow Road, Lititz, PA 17543.

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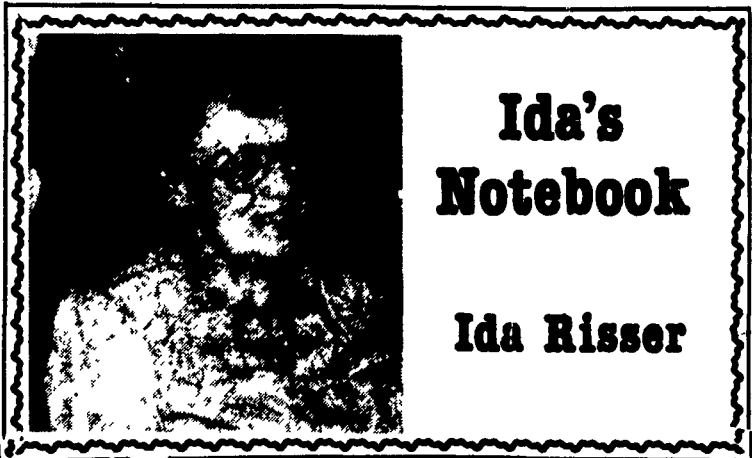
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Ida's Notebook

Ida Risser

A new year and a new start! Often we find that it is just more of the same activities. I have marked a new calendar

and hung it on the wall above the telephone. Already it has regular monthly meetings of church groups and board meetings. Also, appointments for dentists and haircuts are noted. It fills up so quickly as annual farm meetings are usually held in January and February also.

Let's hope there will be time to do some winter jobs like put several hundred photos in an album. And, maybe make another braided rug with some wool skirts that I have stored for that purpose.

My husband has sawed some wood for use in the fireplace. We

don't agree that the sumac that he has piled is a good choice but he assures me that it is okay. We have many fallen trees in our woodland and I'd prefer some other kind of wood.

The recent wind storm blew down a huge white ash along the river. We will try to move it with a tractor and have some boards sawed. From time to time, we've had black walnut boards sawed and Allen hopes to use some to

make furniture.

Each fall we plant a dozen tiny trees in a row behind our house. I'm hoping that we will transplant them when they get bigger. Years ago we put in a row of evergreens and then never moved them and now they are 30 feet high.

It's a new year but somehow we tend to repeat our previous mistakes unless we put forth a lot of effort to change.

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Jim Putnam, Springfield Farm Credit

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Panel of Dairy Farmers who have experienced environmental problems/accidents and who have had to deal with regulatory agencies (EPA, DER, Fish and Game Commission) and the public
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AFTERNOON SESSION

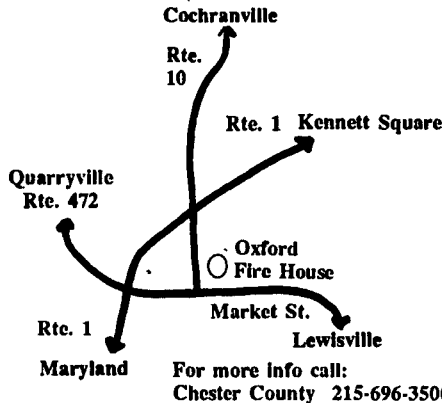
KEEPING COWS COMFORTABLE
Dan McFarland, Pennsylvania State University

NEW DEVELOPMENTS IN REPRODUCTIVE TECHNOLOGY
Dr. George Seidel, Colorado State University

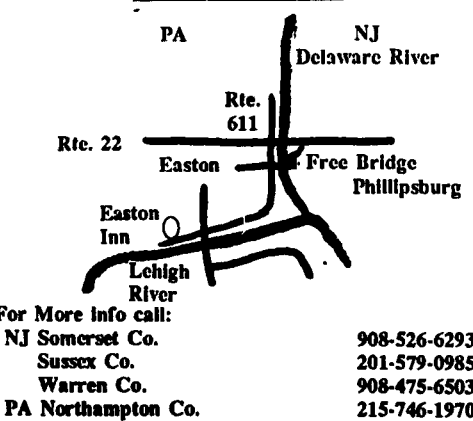
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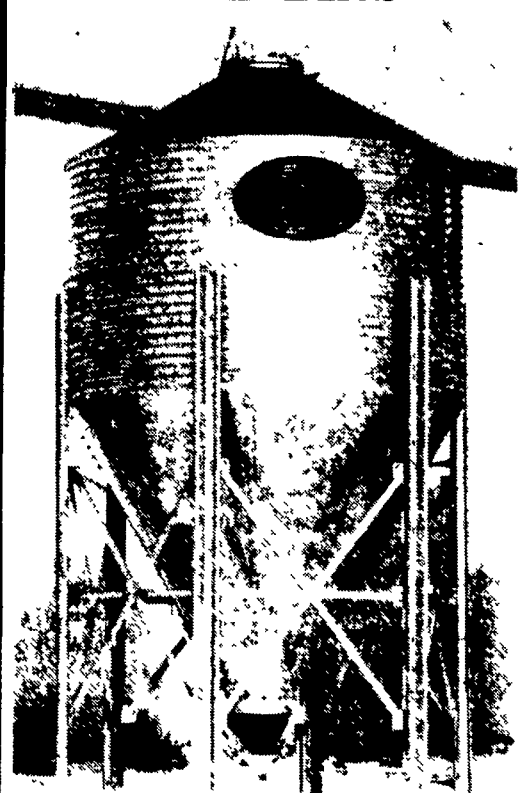
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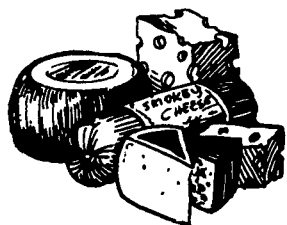


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Home On The Range



Soups And Stews Chase Away January Blahs

Today's health-conscious, time-pressured cooks are a demanding lot. They want meals that are light, fresh, full-flavored, and nutrition-packed...and they want to be in and out of the kitchen in 30 minutes or less.

These recipes go a long way toward meeting these contemporary criteria. Soups and stews often require little preparation before cooking and are loaded with nutrition. You may even make soups a day or two ahead of time and refrigerate until you are ready to heat and serve it.

These soups and stews make wonderful meals for the family — just add wholegrain rolls and fresh fruit for dessert.

MY FAVORITE TOMATO SOUP

2 cans tomato soup
 1/4 cup canned tomatoes, cut, seeded and drained
 1 can milk
 1/2 cup grated American cheese
 1 cup toasted cubed bread
 Salt and pepper, to taste
 Drain, seed and cut tomatoes, heat in a microwave or in saucepan.

Place tomato soup in saucepan, gradually add milk and stir until smooth. Heat over medium heat. Remove from heat and add the heated tomatoes. Transfer to soup bowls, sprinkle with grated cheese. Top with cubed toasted bread and serve with salt and pepper to be added by the person eating the soup.

May sprinkle soup with bacon bits or top with cheese, if desired.

BJ. Light Lebanon

CHICKEN VEGETABLE SOUP

16-ounces garden herb seasoning
 14.5ounce can chicken broth
 2 cups chopped cooked, boneless, skinless chicken breasts
 Parmesan cheese, optional
 In 2-quart glass measure, combine vegetables and chicken broth. Cook, covered on high for 8 to 10 minutes or until vegetables are tender. Stir halfway through cooking time. Add chicken. Cook, covered on high for 1 to 2 minutes or until heated through. Sprinkle with Parmesan cheese, if desired. Serves 6.

PUMPKIN JACK SOUP

3 cups onion, chopped
 3 cups potato, chopped
 2 1/2 cups celery, chopped
 1/2 cup butter
 2 quarts chicken broth, condensed
 5 1/2 cups canned pumpkin
 1 cup tomato paste
 1/2 teaspoon white pepper, ground
 1/4 to 1/2 teaspoon red pepper sauce
 1 1/2 quarts cream, light, or half and half
 1 quart Monterey Jack cheese, shredded

Saute onion, potato and celery in butter until tender, about 12 minutes. Add chicken broth to sauteed vegetables. Simmer 10 minutes. Puree vegetables.

Combine pureed vegetables with pumpkin and tomato paste. Stir in seasonings. Bring to boiling. Gradually stir in cream. Heat just to simmering (do not boil).

Stir in cheese. Remove from heat and stir until cheese is melted. May be served hot or cold.

GARLIC SOUP

4 cups chicken broth
 10 large, fresh garlic cloves, peeled
 1 large tomato peeled and seeded
 1/4 teaspoon salt
 1/4 teaspoon black pepper
 1/4 teaspoon dried thyme
 2 egg whites
 1/2 cup grated Monterey Jack cheese

Pour 1 cup chicken broth into large saucepan. Add garlic and bring to a boil. Cover and simmer for 15 minutes. Pour into blender. Add tomato, salt, pepper, and thyme and blend until smooth. Return blended mixture to pan. Add remaining broth and bring to a boil. Simmer uncovered for 15 minutes. Beat egg whites with fork until frothy and gradually add to soup. Mix well and cook 5 minutes more. Ladle into bowls and sprinkle each serving with one tablespoon grated cheese. Serves 8.

Roland Komoda Monongahela



Veal and Vegetable Soup is a deliciously satisfying soup with only 234 calories per serving.

VEAL AND VEGETABLE SOUP

1 1/2 pounds veal for stew, cut into 1-inch pieces
 2 garlic cloves, crushed
 1 tablespoon olive oil, divided
 1/4 teaspoon salt
 3 1/2 cups water
 13 1/2 ounces ready-to-serve beef broth
 1 tablespoon fresh marjoram
 1/4 teaspoon coarse grind black pepper
 1 1/4 cup red-skinned potatoes, cubed
 1 1/2 cups corn
 1 small zucchini

Toss veal for stew with crushed garlic; set aside. Heat 2 teaspoons oil in large saucepan over medium heat. Brown veal, half at a time, using remaining oil as needed. Pour off drippings if necessary. Season veal with salt. Return all veal to pan. Add water, broth, marjoram and pepper. Bring to a boil. Reduce heat to low and simmer covered for 45 minutes. Add potatoes and corn. Continue simmering covered 15 minutes or until veal and vegetables are tender. Meanwhile, cut zucchini in half lengthwise; cut into 1/4-inch slices. Add zucchini to pan; continue cooking covered 5 minutes or until zucchini is crisp-tender. Six servings.

Featured Recipe

In today's health-conscious environment, many consumers find themselves juggling nutrition concerns with taste, and sacrificing foods they love. New Bisquick Reduced Fat baking mix, with half the fat of the original, offers families a new way to reduce the fat in their diet without giving up the quality and taste for which Bisquick is known.

With Bisquick Reduced Fat, all your Bisquick favorites—from pancakes and biscuits, to coffee cake, shortcake, muffins, pizza and dumplings—provide the same satisfaction and convenience with a little less guilt.

Impossible Chicken'n Broccoli Pie, a reduced-fat version of a classic Impossible Pie, is a terrific recipe for consumers looking for ways to cut fat in their diets. To prepare this quiche-type dish, simply mix chicken, broccoli, crisp bell pepper, chopped onion and mozzarella cheese. Then top with a blend of Bisquick Reduced Fat baking mix, skim milk and egg whites for a special brunch, novel lunch or light supper that looks and tastes like it took hours to prepare.

Impossible Chicken'n Broccoli Pie

1 package (10 ounces) frozen chopped broccoli
 1 1/4 cups shredded mozzarella cheese (6 ounces)
 1 1/4 cups cut-up cooked chicken
 3/4 cup chopped onion
 1/2 cup coarsely chopped red bell pepper
 1 cup skim milk
 4 egg whites or 1/2 cup cholesterol-free egg product
 1 cup Bisquick Reduced Fat baking mix
 1/4 teaspoon salt
 1/4 teaspoon pepper

Heat oven to 400°. Grease glass pie plate, 10x1 1/2 inches. Rinse broccoli with cold water to thaw; drain thoroughly. Mix broccoli, 1 cup of the cheese, the chicken, onion and bell pepper in pie plate.

Beat remaining ingredients in blender on high speed 15 seconds, with hand beater or wire whisk 1 minute or until smooth. Pour into pie plate.

Bake 25 to 35 minutes or until knife inserted in center comes out clean. Sprinkle with remaining cheese. Bake 1 to 2 minutes longer or just until cheese is melted. Cool at least 10 minutes. 6 to 8 servings.

1 serving: 260 calories; protein 25 g; carbohydrate 20 g; fat 9 g; sodium 740 mg; cholesterol 50 mg; saturated fat 4 g.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

January

- 9- One Dish Meals
- 16- Favorite Breakfast Dishes
- 23- Pizza week
- 30- Veal Favorites

(Turn to Page B6)

On being a farm wife - And other hazards

Joyce Bupp



Our grandmothers called it the "icebox."

Early ones were constructed of wood, with tin liners. Later models utilized more metal and porcelain components. And the coolant for an icebox was—no surprise here—ice.

Big blocks of ice, delivered every few days to the homemaker's kitchen door by the iceman, were reportedly a big draw with the kids. We've probably all read accounts of how youngsters would tease and beg the iceman for slivers of ice to munch on during hot summer days.

Sort of an early, all-natural, popsicle.

Ice was cut in huge chunks after ponds had frozen thick and deep, hauled to icehouses and stored in layers insulated by sawdust. Winters surely were colder than those of recent memory. The four-inch layers of ice that freezes on our ponds after our usual stretches of January cold would hardly last past March.

Progress has brought us "ice-boxes" that automatically spew out endless supplies of ice cubes, come equipped with beverage dispensers, and never need defrosting—hallelujah!). They feature easy-

clean interiors, moveable shelves to better accommodate items tall and small, and offer commodity compartments for the likes of veggies, eggs, butter, meats.

Still, there are "icebox" issues not even the most advanced refrigeration technology has yet overcome.

Like how to keep a tiny container holding three tablespoons of spaghetti sauce from being lost until it resembles something cultured for lab study of toxic waste. Or how to prevent cheese petrification when it's not been properly rewrapped by your local, late-night, refrigerator snack snitcher. Maybe Grandma didn't have that problem with her icebox.

Grandma's icebox probably never stored some of the things that end up in ours, either. Like the two paperwhite narcissus bulbs currently hanging out there, to be brought into bloom a little later than the others in the greenhouse.

Of the jar of liquid potpourri mix which still smells perfectly sweet after several reheats. Special squash seeds saved for next season. The Delvo milk-test kit we use to check for antibiotic free milk after a sick cow has been medicated. Or the collection of

unopened condiment and sauce packets left over from fast food stops.

And Grandma's icebox never saw another sort of accumulation. Only with the growth and development of the highly-advanced, modern-day, refrigerator-magnet industry could the icebox become the family bulletin board.

Like most refrigerator doors, ours displays an assortment of paper.

The "milk drinkers make better lovers" bumper sticker has grown to the door and become a permanent part of the finish. A poem "Mothers" is of the sort that makes teenagers roll their eyes while moms wipe tears from theirs. And a poster from a business acquaintance attests, "We don't believe in miracles. We rely on them."

Our current cartoon on display shows dog Grimmy (of Mother Goose and Grim fame) gleefully eyeing a batch of aliens shaped like fire hydrants while he murmurs, "Thank you, God, thank you, thank you, thank you." And a grocery list is a permanent feature, one only occasionally forgotten as we head out to the supermarket.

While our refrigerator has long been devoid of our kids' artwork, I do occasionally borrow one or two from a friend for old times' sake. For the first time in years, however, an artistic endeavor of our firstborn adorns the refrigerator.

This neatly-done, Sunday School color-by-number picture has a note printed around the outside crayoned, hand-drawn holiday border: "And you thought your kids would never color you pictures for your refrigerator anymore, didn't you?"

After 18 years of schooling and a B.S. degree to date, it's reassuring to know she's conquered coloring within the lines.

Bread Baking In A Bag

Honey Wheat Bread in A Bag

4 cups all purpose flour
3 3/4 cups whole wheat flour
2 pkgs. active dry yeast
2 1/2 cups warm water (105-115°F)

1/4 cup honey
1/4 cup non-fat dry milk
2 tablespoons vegetable oil
1 tablespoon salt

Bread Making-In-Bag
Combine in a 2-gallon heavy duty freezer bag:

1 cup all-purpose flour
2 pkgs. active dry yeast
1 cup warm water (105-115°F)
2 tablespoons honey

Squeeze upper part of bag to force out air. Close top of bag tightly. Rest bag on table; mix by working bag with fingers until all ingredients are completely blended. Let rest in bag 15 minutes.

Add remaining ingredients:

1 1/2 cups warm water
2 tablespoons honey
1/4 cup nonfat dry milk
2 tablespoons vegetable oil
1 tablespoon salt

Mix by working bag with fin-

gers. Add whole wheat flour; mix thoroughly.

Gradually add remaining all purpose flour until a stiff dough is formed, about 2 1/2 cups, or until dough pulls away from bag.

Turn dough out onto floured surface. Divide dough in half.

Knead each half 5 minutes or until dough is smooth and elastic. Add more flour if necessary. Cover with plastic bag. let rest 10 minutes.

Flatten dough into 12x7 inch rectangle. A narrow end fold corners to center to form a point. Beginning with point, roll dough tightly towards you. Pinch the edges to seal. Press dough at each end to seal and fold ends under. Place seam side down in a greased 8 1/2 x 4 1/4 x 2 1/4 inch loaf pan. Repeat with second loaf.

Cover loosely with plastic bag and let rise in warm place 45-60 minutes or until doubled. Uncover. Bake on lower rack in 400°F oven 30-35 minutes or until deep golden brown. Remove from pan immediately. Cool on rack. Makes 2 loaves.



York Society 26

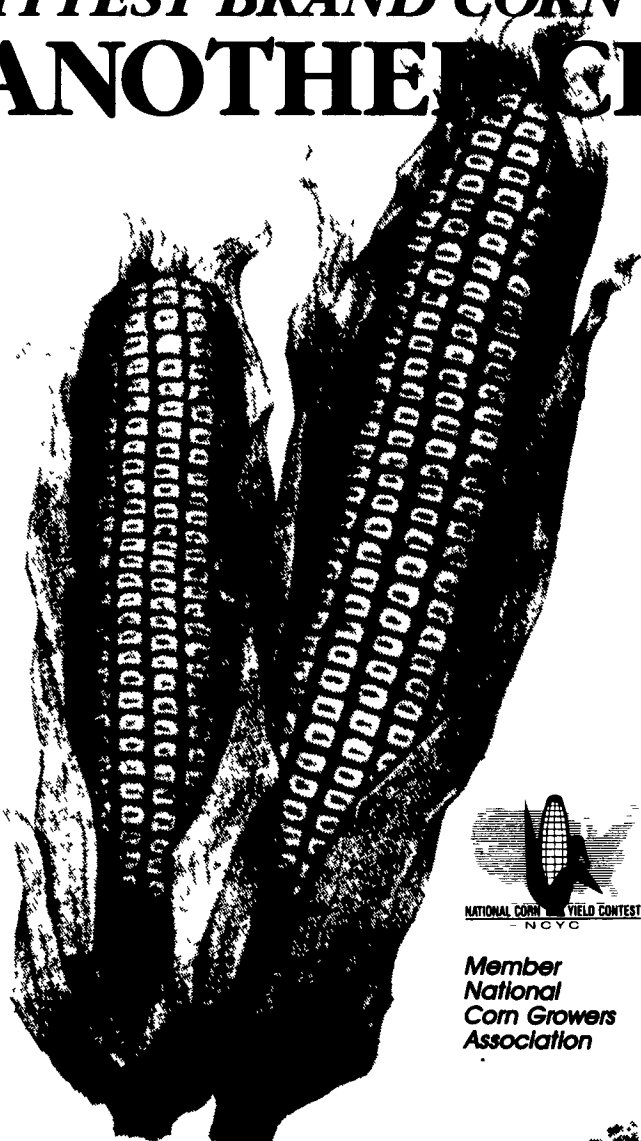
York County Farm Women Group 26 met on Tuesday, December 8, at the home of president Ruth Traver. Sixteen members were present. This was the group's annual Christmas party with an exchange of gifts.

The president gave each member the 1993 yearly schedule

booklets.

Ruth Traver, Mabel Miller, and Martha Yost will attend the State Convention at the Forum in Harrisburg and the state banquet at the Penn Harris Inn and Convention Center in Camp Hill on January 11.

HYTEST BRAND CORN DOES IT AGAIN ... ANOTHER CHAMPIONSHIP SEASON!



NCGA CHAMPIONS

HYTEST Brand Corn has done it again in 1991! Two National Championships and 4 State Winners in the National Corn Growers Association Yield Contest.

Mr. James C. Justice II of Beckley, West Virginia was named the Class A, Non-Irrigated Division National Champion with a yield of 259.0697 Bushels per Acre and the No-Till Non-Irrigated Division National Champion with a yield of 251.7041 Bushels per Acre. These yields were also the Virginia State Winners. HYTEST Brand HT650A was used for both wins.

Mr. Jim Russin of Sharon, Connecticut was named the Class A, Non Irrigated Division State Champion with a Yield of 178.8533 Bushels per Acre using HYTEST Brand HT650A.

Mr. Joe Matejik of Mechanicsville, Pennsylvania was named the Class A, Non Irrigated Division State Champion with a Yield of 200.5841 Bushels per Acre using HYTEST Brand HT736.

PROVEN PERFORMANCE

HYTEST Brand Corn has had 16 State Winners and 3 National Champions out of the east in the past 2 years! This is a record of performance many larger National Brands can't match!

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these Champion Hybrids goes into all of our varieties. Each variety, under the proper conditions, has the potential to be a Champion.

HYBRID SELECTION

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TOP SELECTIONS FOR 1993

Each season, after review of the many test plots, demonstration plots, and numerous grower's fields, Joe Butwin, Manager - Farm Seed at Beachley-Hardy develops his own special "favorites" list to share with all of us. Joe's choices this season are:

NORTH

HT7224-SX - 90 DAY HT7510-SX - 113 DAY
HTX7228-SX - 95 DAY HT7728-SX - 116 DAY
HT318-SX - 100 DAY HTX7748-SX - 118 DAY

SOUTH

YOUR CHAMPIONSHIP SEASON

Championships are nice, but what's really important is producing the highest grain and forage yields possible in the most cost effective manner. HYTEST Brand Hybrid Corn Seed will allow you to do just that. Proven consistently season after season!

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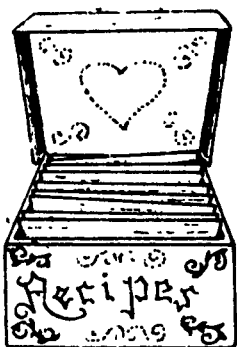
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Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Ella Rissler, Port Trevorton, would like a recipe for blackberry freezer jam for diabetics. If we do not receive the answer to this within the next two weeks, we will drop the request.

QUESTION — Florence Nauman, Manheim, would like a recipe for mulled cider angel food cake. If we do not receive an answer to this request, we will assume no one has the recipe and drop the request.

QUESTION — Jane Heckman, Effort, would like a recipe for a white cake that has sour cream in the batter. After pouring the batter in the baking pan, it is drizzled with melted chocolate chips and baked. When you eat the cake, you find swirls of thick chocolate.

QUESTION — Anne Good, Lititz, would like a recipe for sesame chicken soup.

QUESTION — Georgia Bond, Gandeeville, W. Va., would like a recipe for canning strawberries with epsom salts.

QUESTION — Ruth Edwards, Kennett Square, asks what effect epsom salts have on strawberries? Is it a natural laxative or what? Can someone answer her question. I know that several old recipes used epsom salts for making jam, and it seems to work as a thickening agent rather than a laxative, but I don't know why.

QUESTION — Georgia Bond, Gandeeville, W. Va., would like a recipe for chicken pot pie, pepper cabbage, and funnel cakes like those made by the Grange at the Reading Fair.

QUESTION — Alice Steere, Chepachet, RI, would like the recipe for the gravy McDonald's serves on its biscuits and gravy around the Columbus, Ohio area.

QUESTION — Jennifer Rake, East Stroudsburg, would like to know how and when to harvest dry soybeans and how to roast them.

QUESTION — Charles Creasy, Wrightsville, would like recipes for making turtle meat, especially turtle soup.

QUESTION — Marion Steger, Groton, N.Y., would like the recipes for Aunt Effie's Hillsborough Moist Apple Nut Layer Cake with butterscotch frosting and the Turn-Of-The Century Cake.

QUESTION — Linda McCuean, New Galilee, writes that her 15-year-old son eats breakfast cereal like there is no tomorrow. She would like a recipe to transform plain shredded wheat cereal into the frosted variety.

QUESTION — Susan Howard, Mt. Pleasant Mills, would like a recipe for lemon poppy seed muffins made with sour cream such as those served by Kathryn Flint's Restaurant in Jim Thorpe.

QUESTION — An Elizabethtown reader would like a sand tart cookie recipe that uses sour cream and egg yolks. She said the recipe had appeared in this paper several years ago. Did anyone cut out the recipe so that they can send it in for us to reprint?

QUESTION — N. Martin requests a recipe for Double Chocolate Sour Cream Drop Cookies. It is a cookie made with white chocolate chips in the cookie dough and melted chips in the frosting.

QUESTION — Maybelle Page, Oxford, would like a recipe for Tar Heel Pie. She writes that several years ago she was travelling and saw the recipe printed on a post card. She writes, "Of course using no sense, I failed to purchase the post card and have kicked myself zillions of times since." Readers, can you come to her rescue?

QUESTION — Sonja Zehr, Croghan, N.Y. would like a recipe for cinnamon (hard candy coated) apples. The unpeeled apple is put on a stick and dipped in the hot syrup.

QUESTION — Jean A. Read from Catasauqua would like a recipe for Pumpkin Whoopie Pies.

ANSWER — A reader from Mercersburg wanted a recipe for sour dough. Thanks to Mary Bloodworth of Clarksville, Ga., for sending a recipe. It's always interesting to know how our readers hear about our paper. Mary writes that she received a Christmas package from a friend in Pennsylvania who used our newspaper for packing the gift. Mary enjoyed reading the paper very much and wanted to send a recipe to Cook's Question Corner. Also, thanks to Brenda Weidenhammer, Bernville, who sent several recipes using the starter. She writes, "Even though sourdough takes some effort in getting it started and keeping it fed, it's well worth it when you taste it, especially the pancakes."

Sourdough Starter

- 3½ cups unsifted strong, bread-type flour
- 1 tablespoon sugar
- 1 package active dry yeast
- 2 cups warm water

Combine flour, sugar, and undissolved yeast in a large bowl. Gradually add warm water to dry ingredients and beat until smooth. Cover with transparent wrap; let stand in a warm place for 2 days.

To use in recipes: Measure out amount called for in recipe and use as directed.

To replenish starter: To remaining starter, add 1½ cups strong bread-type flour and 1 cup warm water. Beat until smooth. Store covered in warm place. Stir before using. If not used in one week, remove 1½ cups starter and follow directions for replenishing.

Sourdough Softies (Cookies)

- 3 cups flour
- 1 teaspoon salt
- ½ teaspoon baking soda
- ½ teaspoon baking powder
- 1 cup sourdough thinned with 2 tablespoons water
- ½ cup butter
- 1½ cups sugar
- 2 eggs
- 1 teaspoon vanilla

Cream butter, sugar, eggs, and vanilla. Add dry ingredients alternately with sourdough. Drop onto greased cookie sheet and sprinkle with mixture of sugar and cinnamon. Bake at 375 degrees for 12 minutes. You may add chocolate bits.

Sourdough Biscuits

- 1 cup sourdough
- 1 cup flour
- ¾ teaspoon baking soda
- ¼ teaspoon salt
- ½ cup oil

Mix well and drop by teaspoon on ungreased sheet. Bake at 350 degrees for 10 to 12 minutes or until golden brown.

Sourdough Pancakes

- 1 cup sourdough
- 1 cup flour
- ¾ teaspoon baking soda
- ¼ teaspoon salt
- ½ cup oil
- 1 egg
- Milk

Mix together ingredients. Add enough milk until mixture pours easily (more milk makes thinner pancakes). Fry in hot skillet with oil.

ANSWER — A few months ago, an anonymous reader sent several pages of tidbits about beef. Here is an excerpt you may enjoy reading. She writes: "The reason I am sending you this is a friend of mine just got married. As a young bride, she said, 'My husband said that his favorite food is T-bone steaks. Where can I get them?' I'm an oldie who has used beef in every manner. I've delivered calves fed on mother and by bottle. I was in 4-H head-heart-hand- and health club. Some of the young people coming along now buy everything in a can so please print some of the old recipes for the young brides. I have collected recipes from all over the world."

Contributor writes when you butcher, give the head to your grandpa for brain soup: Stew brains, add milk, celery, parsley, and pepper. Enjoy with crackers.

Hoof: scrub good. Cook until tender. Strain broth. Put back in kettle. Boil down until glue. May add flour if the glue is not thick enough.

Use tail for doll hair. Make ox tail soup by skinning tail and boiling for broth. Tan hide to make pocketbooks. Give intestines and glands to turkey buzzards. Some people cook them and grind into dog food.

Beef Menu For The Week

- Day 1: Pot roast
- Day 2: Stew
- Day 3: Chili
- Day 4: Sandwiches
- Day 5: Hors d' oeuvres
- Day 6: Dog food
- Day 7: Try turkey

(Turn to Page B9)

Super Soups

(Continued from Page B6)

CHICKEN CORN NOODLE SOUP

- 6 cups chicken broth
- 1½ cups cooked chicken, cut up
- 15-ounce can whole kernel corn
- 1 teaspoon parsley flakes
- ¼ teaspoon turmeric
- 1 package Kluski* noodles

Place all ingredients except noodles in a saucepan and bring to a boil. Add noodles and cook until noodles are tender.

I use Kluski noodles because I freeze leftovers and when thawed and reheated these noodles do not become mushy and break up.

Betty Light
Lebanon

DILLED POTATO SOUP

- 1 cup butter
- 3 cups onion, finely chopped
- 6 cups carrots, grated
- 1 tablespoon dried dill weed
- ½ cup dehydrated chicken bouillon

- 2 teaspoons salt
- 1½ quarts water
- 1½ quarts milk
- 8 cups potato flakes
- 1½ quarts milk
- 1½ quarts milk

Dill weed, as needed

Melt butter in a 2-gallon kettle.

Saute onions and carrots in butter for 10 minutes over medium heat. Stir in dill weed.

Combine chicken bouillon, salt, water, and milk in another 2-gallon kettle. Heat to boiling, stirring occasionally. Stir in potato flakes until moistened. Whip until fluffy. Stir in carrot mixture and milk into the potatoes. Puree entire mixture. Return puree to heat, and stir in milk. Serve hot, garnished with dill weed.

Yields 30 8-ounce servings.

THIRTY MINUTE BEEF BURGUNDY

- 8 ounces well-trimmed boneless sirloin steak, cut 1-inch thick
- 1 clove garlic, minced
- ¼ teaspoon pepper
- 5 teaspoons vegetable oil, divided

- 1 medium onion, sliced
- 2 teaspoons flour
- ½ teaspoon dried thyme leaves
- ½ teaspoon salt, divided
- ½ cup beef broth
- ½ cup plus 1 tablespoon Burgundy wine, divided
- ½ pound mushrooms, quartered
- 1 medium carrot, julienne cut
- 1 green onion top, cut lengthwise into thin strips

2 teaspoons chopped parsley

Cut beef top sirloin steak into ¼-inch strips; cut each strip into 1-inch pieces. Crush garlic with pepper to form paste; combine with 2 teaspoons oil and add to beef. Cover and refrigerate beef while preparing sauce. Sauté onion in 2 teaspoons oil in large saucepan over medium heat 3 minutes. Sprinkle flour, thyme, and ¼ teaspoon salt over onion. Cook and stir 1 minute. Add beef broth and ½ cup wine. Cover and cook slowly 20 minutes. Heat heavy, large nonstick frying pan over medium-high heat. Stir-fry mushrooms 1 to 2 minutes in remaining 1 teaspoon oil; add to sauce. Stir-fry, 1 to 2 minutes; season with remaining ¼ teaspoon salt and add to sauce. Deglaze frying pan with 1 tablespoon wine; stir juices into stew.

Meanwhile, place julienned carrots in 1-quart microwave-safe dish; add 1 tablespoon water and microwave at high for 1 to 1½ minutes. Season with salt, if desired. Arrange carrots around beef stew; sprinkle with onion strips and parsley. Serves 2.



In-store dairy case audits are part of ADADC's training program to educate retailers about the profitability of dairy products.

Dairy Association Rates Supermarket Dairy Displays

SYRACUSE, N.Y. — To help boost dairy sales, the American Dairy Association and Dairy Council, Inc. (ADADC) is implementing retail store level audits to rate stores on dairy product availability, attractiveness, cleanliness and space allocation. Nielsen Marketing Research will conduct the dairy case audits on behalf of ADADC in major supermarket chains in ADADC's region.

By implementing the audit program using an independent research firm and sharing the information with the retailers audited, ADADC will help retailers improve the profitability of the dairy case. ADADC's consumer promotions department will continue to work with retailers, manufacturers and dairies to implement improved dairy case management

techniques and point of sale activities. Training seminars for retailers will also be held with workshops on profitability of the dairy case, proper maintenance, procedures for stocking shelves, and how merchandising and advertising can affect sales.

In November, a certified audit trainer from Association Milk Producers, Inc. (AMPI) conducted a one-day workshop in Syracuse for twenty-five retailers who were given classroom and store experience. Workshops were also conducted at sites on Long Island and in New Jersey.

In ADADC's marketing area

each year, consumers spend more than \$24.6 billion dollars on retail food purchases. Dairy sales represent 8 to 10 percent of the total sales. ADADC's consumer promotions department will continue to concentrate its efforts on increasing the profitability of the dairy case to the retailer, which will in turn benefit dairy producers through increased dairy product sales.

The American Dairy Association and Dairy Council, Inc. is a dairy promotion organization representing dairy producers in New York, New Jersey and Pennsylvania.

Cook's Question

(Continued from Page B8)

QUESTION — Eileen Newcomer, Mount Joy, requests a recipe for Banana Whoopie Pies.

ANSWER — Dee Vogelsong wanted to know where to buy jars and lids for horseradish and mustards. Jars can be purchased from Henry Beiler Shop, 133 S. Maple Ave., Leola, PA. 17540. The Lancaster County store stocks 5, 7, 8, 9, and 12 ounce sizes in addition to pint, quart, and gallon jars.

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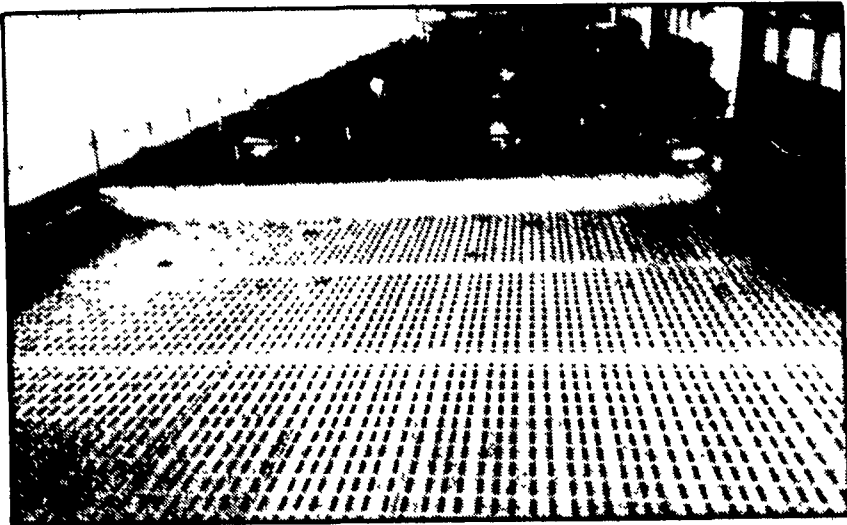
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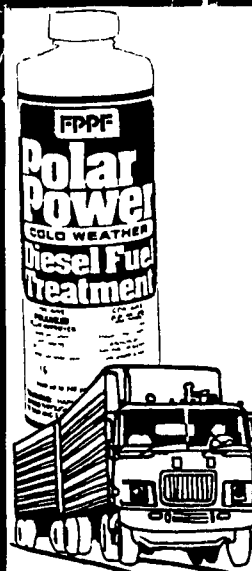
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Kid's KOrner

Gerald, Sarah Prepare For Pennsylvania Farm Show

LOU ANN GOOD

Lancaster Farming Staff
EPHRATA (Lancaster Co.) —
The Christmas holidays are barely over when it's time to get ready for the Pennsylvania Farm Show.

Gerald and Sarah Boyd are two of hundreds of kids who plan to exhibit animals at the biggest livestock show under roof in the state. It's an event that they and thousands of others look forward to each year.

While many people tour the Farm Show and admire the pigs, horses, sheep, cows, and other livestock, few know the hard work required to prepare the animals for show.

Gerald and Sarah do. Gerald, who is 14, and his sister Sarah, who is 11, have been showing pigs since they are eight years old.

This year, Sarah is taking her pig Tootsie to the Farm Show. Her brother is taking Champ, a Hampshire Cross.

Sarah and Gerald each raise four pigs for potential showing at the Farm Show.

"We get them when they are little, but they don't always turn out the way you think they should. If we raise four, we can pick out the best one," Sarah said.

The Boyds chose their pigs about five months ago when the piglets were about two months old. They feed them 16 percent hog feed and brush the pig's coat every day to make it look nicer. They bed the pigs with straw.

Although they wash the pigs at home before entering them in county fairs, the Boyds said that during cold weather, they don't wash them at home. Instead, they will wash the pigs after they get to the Farm Show. A special animal shampoo, warm water, and a brush are used to scrub the pigs.

Pigs are similar to many child-

ren as they hate water around their faces.

"Pigs scream if they get soap in their eyes," Sarah said. She uses a damp cloth to scrub her pig's face.

"But I don't mess around with the ears. Pigs often hold their heads crooked in the show ring if you wash their ears," Sarah said.

A prize-winning pig, according to the Boyd siblings, is lean and muscled. They choose their pigs from litters bred by their uncles Rich and Steve Strauss of Ephrata.

The Boyds have accumulated stacks of ribbons and shelves of trophies from showing at county fairs. Their favorite place to show is the Pennsylvania Farm Show.

"There's more competition and I like the way they decorate the arena," Gerald said. He considers himself fortunate to have won a second-place ribbon during his first year and a first-place in his fourth year of showing at the Pennsylvania Farm Show.

Although Sarah only earned a fourth and a 10-place at the state competition, it is still her favorite place to show. She said, "I like it because it's big to move around in. It's more people so it's harder to win but if you do win, you should be proud."

The Boyds hope to do well in competition this year, but Sarah said, "You can't tell by comparing them with the other pigs because it really depends on what the judge is looking for."

Before the pigs are allowed in the Farm Show building, the pigs must be tested for pseudorabies.

The Boyds' uncles will haul the pigs to the Farm Show. "Our uncles won champion and reserve placings during the '70s," Gerald said. "So we hope we do as well."

The siblings plan to show Tuesday. They hope to sell them on Thursday, but to be able to sell the



"Stop eating my toes," Sarah tells her pig Tootsie. Sarah and her brother Gerald brush the pigs' coats everyday in preparation for the Pennsylvania Farm Show.

animals at the Farm Show Sale, the pigs must place in the top ten. Prize money is put in a "pig fund" and used to buy new pigs with the excess going toward a college fund.

Sarah, who names every pig, said that she cried the first year she sold her pig, and she doesn't like to see them on rail for judging. But, her brother said, that it doesn't bother him at all to sell his pigs.

The Boyds are members of the Lancaster County 4-H Swine Club. It is there that they learn to keep extensive records on their pigs. The siblings check on each other to make sure each one keep the records up to date. "If you wait until the last minute, you can't do it

because you need to write down what you do everyday with the pigs. It's really hard," Sarah said.

Her hard work paid off. At the annual 4-H club banquet held this year, Sarah received a first-place award for her record book. Her brother received third place.

"He has it much harder because he needs to keep records for dairy, sheep, and pigs," Sarah said.

Although Gerald showed sheep and dairy animals at local fairs, he is sticking to showing pigs at the Farm Show.

"But I might show sheep next year because I really like them," he said. "They are the most relaxing animal I ever raise and they just make me laugh with their funny antics."

Gerald also does extensive gar-

dening. He starts the seeds inside his home, plants them in his garden, and enters vegetables in the local fairs.

"I don't help him in the garden," Sarah said. "But I eat the stuff he grows."

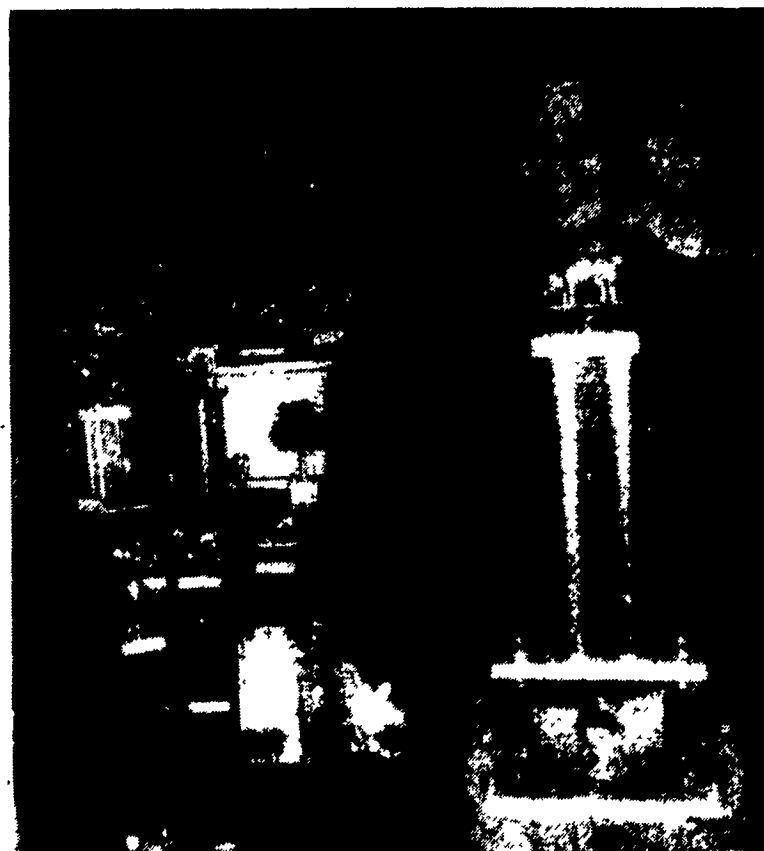
Gerald said that his grandmother Strauss teaches him a lot about processing foods. She taught him to bake pumpkin pies and can red beets and green beans.

Gerald is in eighth grade at the Ephrata Middle School. Gerald would like to be a botanist or a teacher.

Sarah is in sixth grade at Clay Elementary School where she plays basketball. She plans to be a physical education teacher and a basketball coach.



Sarah and Gerald page through their scrapbooks called "Book of Champions." Pictures of each pig, the name of the fair and judge, and a summary of the show is included in the scrapbook.



Gerald stands with some of the trophies he has won for showing pigs. The walls of his room are lined with show ribbons.

Industry Plans Labels To Educate Consumers

CHICAGO, Ill. — According to National Live Stock and Meat Board Chairman Robert Rebholtz, an Idaho beef and lamb producer, it is now time for the meat and livestock industry to move on with efforts to help consumer understand new nutrition labels.

A resolution, passed last week, requires all food products to comply with the Nutrition Labeling and Education Act, which was passed by Congress in 1990.

"We know that consumers welcome any nutrition information that will help them make informed decisions," Rebholtz said. "The meat Board now looks forward to working with health organizations and other food industry groups to develop education programs to ensure that nutrition labels are used, as well as useful. It is imperative that the Meat Board work to help consumers understand these labels and how meats fits in the total diet."

"For years, the Meat Board has avidly supported full disclosure of nutrients on food labels — including total fat, saturated fat and calories from fat," said Eric Hentges, Ph.D., Meat Board director of nutrition research.

The Meat Board's support of nutrition disclosure began in 1985 when "Meat Nutri-Facts" was introduced into supermarkets across the country. The program, sponsored jointly by the Meat Board, American Meat Institute and the Food Marketing Institute, provides nutrition information at the fresh meat case.

The Meat Board was the recipient of the 1986 President's Circle Award for its role in developing "Meat Nutri-Facts" and its support of nutrition education. This is the highest honor awarded by the American Dietetic Association and Foundation.

The Meat Board will revise "Meat Nutri-Facts" and make it available to retailer in late 1993.



Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

NEW PORK COOKERY RECOMMENDATIONS

Stop! Don't overcook that tender pork roast or chops on New Year's day. You can cook today's fresh pork in less time and to a lower internal temperature than ever before, the National Pork Producers Council (NPPC) has announced.

The new guidelines call for cooking today's pork to an internal temperature of 160 degrees Fahrenheit for medium doneness. This represents a 10 to 25 degree drop in previously recommended cooking temperatures. When

cooked to these temperatures, pork is tender, juicy and done to perfection. This reduced temperature also means quicker preparation for time conscious cooks.

The new recommendations are based on the results of a two-year research project between the NPPC and the National Livestock and Meat Board.

Years ago, when pork had an average of 50 percent more fat than it does today, it was possible to overcook the meat and still have a fairly tender product with good flavor. However, that's not true today.

The nation's pork industry has

gone to great lengths to ensure wholesomeness in the production of fresh pork, and the new recommendations are safe, while ensuring great taste. Between the producers' high standards in production practices and the USDA's inspection programs, you can be sure today's fresh pork is healthier, leaner and tastier than ever. Historically people have overcooked pork from a fear of trichinosis. But trichinae, which is a clinical rarity in hogs today, is destroyed at 137 degrees F.

When making a decision on which pork cut to pick up at the meat counter, remember to think about cost per serving rather than cost per pound.

For one serving you need to purchase a 1/4 to 1/2 pound of boneless meat; 1/2 to 3/4 pound of meat with little bone; and 3/4 to 1 pound of meat with a lot of bone. Color is important too. Pork should be pink to delicate rose.

As soon as you arrive home, place your pork purchases in the coldest part of your refrigerator. If you plan to keep fresh pork longer than two days before you cook it, wrap it in freezer paper and freeze it.

The lower recommended internal temperature for cooking pork also means a savings on your energy bill. How do you make sure it's 160 degrees F? Use a meat thermometer.

Pork roasts vary in shape, size, amount of bone, leanness and thickness. A meat thermometer should be inserted in the roast with the bulb of the thermometer inserted in the center of the thickest part of the roast, not touching the bone. As the roast cooks, the thermometer will measure the internal temperature of the meat.

If you are not a pork and sauerkraut fan, try the following recipe for making a delicious Cajun pork roast. Have a Happy New Year!

CAJUN PORK ROAST

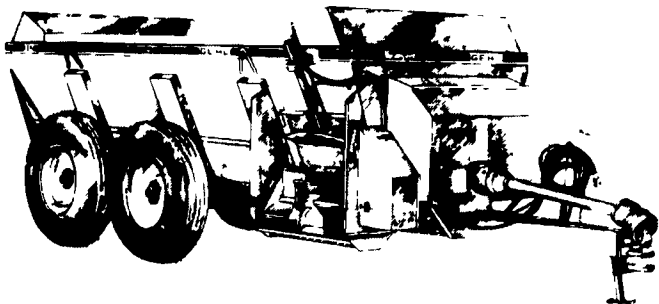
2-pound boneless single loin pork roast
3 tablespoons paprika
1/2 teaspoon red pepper (cayenne)
1 tablespoon garlic powder
2 teaspoons oregano
2 teaspoon thyme
1/2 teaspoon salt
1/2 teaspoon white pepper
1/2 teaspoon cumin
1/4 teaspoon nutmeg

Combine all seasoning and rub well over all surfaces of the roast. Place roast in shallow pan and roast in 350 degrees oven for about one hour, until internal temperature is 155-160 degrees. Remove from oven, cover with foil and allow to rest 5-10 minutes before serving. Serves 6.

Nutrient information per three-ounce serving:
Calories: 178; Fat: 6 g;
Cholesterol: 66 mg;
Protein: 27g; Sodium: 239 mg.

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Eat Dairy Products To Control High Blood Pressure

SOUTHAMPTON (Bucks Co.) — For decades, dietary recommendations for hypertension have focused primarily on eliminating excesses in the diet that provoke high blood pressure. A new report released by the National Heart, Lung, and Blood Institute (NHLBI) also points to a growing body of research on the potential benefits of adding certain nutrients into a balanced diet.

For the first time, NHLBI is recommending that people with hypertension get adequate calcium, potassium and magnesium in their diets. This fifth Report on Detection, Evaluation and Treatment of High Blood Pressure also reaffirms the importance of other well-known lifestyle modifications that help control hypertension.

The report says it is too early to tell how and why these nutrients may have an effect on hypertension. While additional research is conducted, however, it recommends that people who have or are at risk of hypertension make sure to get the recommended daily allowance of these nutrients. Each is readily available in common foods — though dairy products are the only food source that provides all three of these minerals simultaneously in meaningful quantities.

The Need for Calcium

Calcium is the most abundant mineral in the body. While it is critical to body function and good health, the body does not manufacture it. Calcium comes directly from foods we eat. If we do not consistently get enough calcium in the diet, the body drains the mineral from bones — where 99 percent of the body's calcium is stored — and once removed, it is not easily replenished.

Scientists have known for some time that calcium is essential for building strong bones during childhood and early adulthood. Most people associate calcium deficiencies with osteoporosis, a disease characterized by loss of bone mass that results in an increased risk of fractures.

Research has shown that calcium also plays an essential role in blood clotting, nerve transmission, regulating heart rhythm and muscle contraction. And for some people, inadequate calcium intake is also associated with the development of hypertension.

The Magnesium and Potassium Connection

Magnesium is a key nutrient in the body that is essential to the function of many enzyme systems in the body, building bones and neuromuscular transmission. And as an agent that causes the dilation of blood vessels, magnesium may also play a role in the regulation of blood pressure, according to epidemiological studies.

Potassium is primarily involved in the release of energy from carbohydrates, proteins and fats, muscle contraction, maintenance of fluid and electrolyte balance in cells and the transmission of nerve impulses. The current body of research noted in the NHLBI report suggests that potassium deficiency may increase blood pressure, while a high dietary potassium intake may protect against developing hypertension.

A Decade of Accumulating Evidence Supports NHLBI Recommendations

Findings of nearly 300 studies have begun to show that blood

pressure may be modified by the intake of calcium, potassium, and magnesium. Several investigations, in fact, suggest that increasing dietary calcium lowers blood pressure in some patients with hypertension and in pregnant women at risk of preeclampsia or gestational hypertension.

Several of the early studies on calcium and hypertension conducted a decade ago in the United States and Belgium assessed the phenomenon of urinary calcium leaks and found an increase associated with high blood pressure. While the link was not firmly established, multiple laboratories in countries around the world have since confirmed this defect in the kidney's ability to handle calcium among hypertensive patients. More recently, researchers observe this phenomenon in certain populations at increased risk for developing high blood pressure.

A series of observational reports on dietary calcium intake among people with and without high blood pressure indicates that dietary calcium favorably influences blood pressure status.

Clinical Studies Reaffirm Early Observations

Much of the clinical experience runs parallel to these observations. A prospective study of more than 58,000 female registered nurses noted a significant inverse association between dietary calcium and hypertension. Women who consumed at least the RDA of calcium each day had a 23 percent reduced risk of developing hypertension, compared with women who consumed less than 400 milligrams per day. When combined with the RDA of magnesium, women experienced a 35 percent reduction in risk of developing high blood pressure.

In several studies of pregnant women, an increase in calcium consumption significantly reduced either blood pressure or the incidence of pregnancy-induced hypertension, a condition known as preeclampsia. One investigation found that women with a lower calcium intake dur-

ing the first 20 weeks of pregnancy developed gestational hypertension while women who consumed adequate levels did not.

While considerable evidence suggests a role for calcium in blood pressure regulation, scientists are not yet claiming a cause and effect relationship. Meanwhile, scientists are taking a closer look at how calcium may benefit people at risk of hypertension. Currently, there is no way to identify who might benefit most from increased calcium consumption. So far, the evidence suggests that getting the recommended daily allowance (RDA) of calcium, magnesium and potassium will have a beneficial effect.

Adding Essential Nutrients to the Diet

Calcium, magnesium and potassium are naturally occurring minerals in many foods. Yet, many people do not get enough of these nutrients. Dairy products, including milk, cheese and yogurt, are the only food sources that contain sufficient levels of calcium, magnesium and potassium. Only 15 percent of adult women and 23 percent of adult men consume two or more servings of calcium-rich foods each day. That means at least 78 million adults in this country are not getting the calcium they need — at least three servings a day.

Dairy foods are the richest sources of calcium in the food supply. They contribute more than 75 percent of calcium in the diet, yet only 12 percent of the fat.

Other foods rich in magnesium include leafy green vegetables (eaten raw), nuts (especially almonds and cashews), soybeans, seeds and whole grains. And potassium is found in such foods as dairy products, orange juice, bananas, dried fruits, meats, bran, peanut butter, dried beans, peas and potatoes with skin.

Health experts stress that people with hypertension should add these important nutrients to their diet and follow other recommended lifestyle changes to have a favorable effect on blood pressure.



Pennsylvania Dairy Princesses and the Pennsylvania Dairy Promotion Program joined WPSX-TV, public television, "Winterfest" fund drive. The visit was organized to bring a dairy product message to the station's viewing audience throughout central Pennsylvania. Participants in the event, held Saturday, December 5, in State College, included: (left to right) Marel Raub, Perry County Alternate Dairy Princess, Anita Faulkner, Juniata County Dairy Princess, and Robin Walls, Clarion/Venango Dairy Princess. "Winterfest" is one of several fund drives conducted by the station throughout the year.

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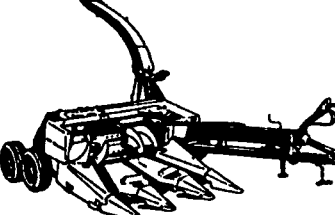
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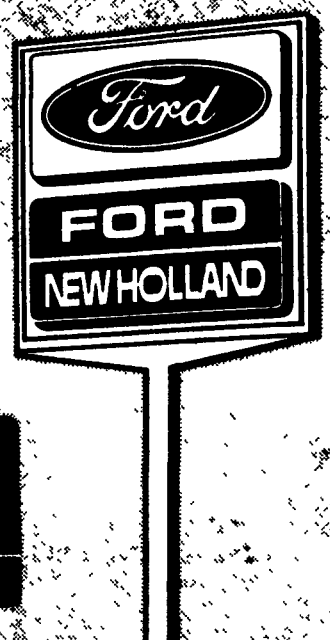
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Dairy Farmers Sponsor Promotion With Hershey Bears, Pizza Hut

HARRISBURG (Dauphin Co.) — Cheese will be the theme this hockey season as the Hershey Bears provide the focal point of a winter promotion involving the Pennsylvania Dairy Promotion Program and Pizza Hut. The "Power Play Pay-off" returns to provide fans of all ages with the opportunity to win Real cheese pizzas.

The contest will be run through the Bears Sports Network, with coverage throughout the Harrisburg, Hershey, Lebanon, and Lancaster areas. The core of the contest will be advertisements that focus on Real cheese, made in Pennsylvania. Pizza Hut restaurants in central Pennsylvania use plenty of Real Pennsylvania cheeses, primarily Italian.

To enter, fans must send an entry into the Hershey Bears Radio Network. The entry requires the contestant's name, address and telephone number. Then, for each Bear game, one person will be selected to compete in the "Power Play Pay-off." If the Bears score two power-play goals in any one period of the game, the contestant wins a Real cheese

pizza party for four. If not, a consolation prize, one personal pan pizza, will be awarded.

Dairy farmers organized the contest with Pizza Hut because

Pennsylvania is a recognized leader in the production of Italian cheeses. Annual production of these cheeses amounts to 76% of the total cheese production in the

state. Pennsylvania is ranked sixth nationally in cheese production, behind popular dairy states like Wisconsin, California, and New York.

The contest will run throughout the Bear's regular season. Further information about the contest and entries is available by calling the PDPP office at (717) 787-6903.

Motivating Child To Learn Takes Patience

NEWARK, Del. — Parents and teachers who try to motivate children to learn may be doing just the opposite without realizing it.

"For many and often complex reasons, a child can be an underachiever, unmotivated and discouraged," says Joy Sparks, University of Delaware State 4-H Program Coordinator. "The two fundamental reasons are fear of failure and feelings of inadequacy."

Some children believe they cannot meet the high standards and expectations of parents and teachers. Instead of challenging or questioning these expectations, children are often intimidated by competition and question their own adequacy, which undermines their sense of self-worth.

Parents and teachers have many opportunities throughout the day to encourage children. What adults say and how they say it

have a profound effect on how children see themselves.

"Demonstrate caring," Sparks advises. "Acknowledge, recognize and describe the effort children put into their work. Focus on the behavior you appreciate rather than imply a child is 'more valuable' or 'good' when they achieve or perform to your expectations."

"Sarcasm, criticism and nit-picking reinforce negative feelings children may have about themselves," Sparks adds. "Resist the urge to compare your child with others. This causes undue stress and feelings of inadequacy."

Sparks offers parents and teachers suggestions to help children value themselves:

- Accept and respect each child's specialness.

- Encourage children's strengths in areas which they do

well, even if those activities are unrelated to school work. This helps children see themselves as capable.

- Keep expectations realistic and age-appropriate. Brains and bodies develop over time, each reaching a stage of development at its own pace. The order is more important than speed. Don't hurry development; nurture it, being continually aware of a child's physical and mental readiness to move on.

- Help children identify their goals, not yours.

- Allow children to do things on

their own. Provide opportunities for children to meet challenges and to overcome obstacles. Don't jump to a child's rescue; let the child handle it.

- Accept mistakes. Let children know it's okay to make mistakes and that people learn from failures as well as successes. Share your mistakes to let children know no one's perfect and they aren't expected to be either.

- Spend fun time with a child. Parent-child togetherness helps a child feel significant, valued and secure.

**A to Z it's All in the
CLASSIFIEDS**



Woodland News

**FORESTS CLEAN, STORE,
REGULATE WATER.**

**Guy Temple
Union Co. Agent**

I was recently reading the Pennsylvania Woodlands News, which is produced by our Forestry Resources Extension staff at Penn State. It had an interesting article about the relationship of forests and water. I thought in light of the many discussions about the planting and the cutting of trees and the water supply of communities in the valley, it would be an article you would find of interest. The article follows.

Forests are important to our water supply. They not only receive rain and snow in upland regions, but also store and clean the water as it infiltrates the forest soil.

Forest soils act much like a blotter by filtering microscopic organisms from the water. In fact, the closer natural water is to the forest, the cleaner it is — which explains why municipal reservoirs are located as close as possible to the forest, collecting water at its cleanest point.

The forest also regulates the flow of water. Thanks to trees and woody vegetation, the forest floor becomes an enormous sponge, typically absorbing up to 18 inches of precipitation before gradually releasing it into natural channels and watercourses.

In this way, forests slow the volume of rainwater discharged into streams and rivers immediately after a rainstorm or snowfall. That reduces the harmful "peak" discharge which causes erosion and sedimentation.

Not all watersheds are forested. Any higher elevation land that feeds water into creeks and streams is a watershed. But pasture or farmland watersheds don't clean, store, and regulate water as well as forest soils.

Picture the difference between watering your lawn and watering your sidewalk, and you get some idea of the advantages of forested watersheds. Your lawn slowly absorbs the water and holds it as needed; your sidewalk sheds the water in torrents. Much like your lawn, a forest will supply an even flow of water — even in a dry climate with relatively little rainfall. Without the forest, the water would flow all at once after the rain.

Forested watersheds can be as small as the valley enveloping a mountain stream or as large as the Mississippi Valley watershed, which covers much of the middle third of the United States. But whether a watershed is small or large, they all have one further advantage; they can be managed to regulate water supply.

By removing small blocks of tree, for example, forest managers can reduce the amount of precipitation used by the trees themselves. That allows more water to pass

(Turn to Page B15)

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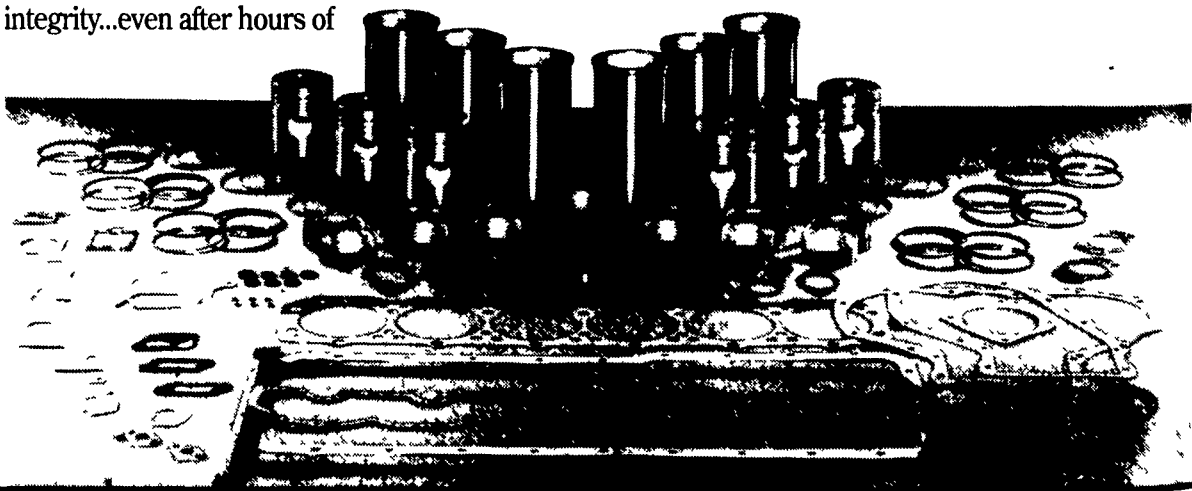
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Myths Persist About Poisonous Holiday Plants

CREAMERY (Montgomery Co.) — Some reports about poisonous holiday plants are as mythical as tales of Santa, says a Penn State horticultural specialist. "Certain holiday plants believed to be fatal if eaten are relatively harmless, while others are truly toxic," says Dr. J. Robert Nuss, professor of ornamental horticulture in Penn State's College of Agriculture. "The bottom line is that children and pets can't make the distinction between what's dangerous and what isn't. It's best to keep plants out of their reach until they learn not to put unknown substances into their mouths." Many people persist in believing that that most popular Christmas plant, the poinsettia, is extremely poisonous. "People allergic to the plant's milky sap can develop a rash if it gets on their hands," says Nuss. "But the poinsettia isn't fatal if eaten. If a child or pet accidentally eats any part of the plant, at the worst they might experience some stomach discomfort."

About 20 years ago, two Ohio State researchers fed large quanti-

ties of poinsettia parts to rats, with no ill effects in 1975, the U.S. Consumer Product Safety Commission exonerated the poinsettia of the false charge that it is lethal if ingested.

The commission also refuted allegations that the berries of American mistletoe are fatal if eaten. "But mistletoe is not intended for human consumption and should be placed out of the reach of children," says Nuss. "Berries that fall from the sprig should be removed from the floor immediately before children and pets are tempted to eat them."

About 700 plants are known to be poisonous. Among them are these holiday plants: holly, ivy, Jerusalem cherry, laurel, rhododendron and yew. If a child or pet accidentally ingests these plants, consult a physician or veterinarian immediately. Do not induce vomiting without the advice of a doctor. If a plant containing corrosive juices has been eaten, vomiting can damage the digestive tract. The Poison Information Center for Pennsylvania is 1-800-352-7001.

4-H HAPPENINGS

4-H Horse Champion

Lisa Pannebecker, a 12-year old rider out of Sweigart's Stables in Denver, recently won the Pennsylvania State 4-H Championship at the Farm Show Complex in Harrisburg.

Riding in just her second 4-H tournament, she took first place in the Junior Division Saddle Seat Pleasure and Saddle Seat Equitation aboard her horse, Visions Mystic Ray.

Pannebecker has been riding for just three years, so winning is somewhat of a new experience for her. However, this is old hat for her horse. The 18-year old Ray was ridden by Brook Sweigart-Reider in 1982, when the pair won the State Junior Reserve Equitation championship. The two also won back-to-back State Senior championships in 1984 and 1985, and competed in the national 4-H event in 1986.

Pannebecker competes for the Broken Bit 4-H Club, and is the daughter of Dean and Patty Pannebecker.



Lisa Pannebecker rides Visions Mystic Ray. Photo by Preston Whitcraft, Ephrata Review.

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RG17892	6404T, 6404A	4430,4630, 7020 Tractors; 6600, 6602, 7700 Combines (w/6404T)	\$1,242.73	\$1,119.00
RG18845	6466T	4440,4640,4840, 8430,8440 Tractors (-21468); 5720 Forage Harvester; 6620, 6620SH, 7720, 8820 Combines; 9940 Cotton Picker	\$1,404.97	\$1,269.00
AT86984	4219D, B pistons	2030 (275485-), 2440, 2280, 2320, 2420, 6000 Tractors (w/4219)	\$ 701.96	\$ 639.00
AT86986	6329D, B pistons	4030 (277550-),4400, 9900,499 (w/6329), 699 (w/6329)	\$1,026.42	\$ 929.00

Note: Always check with us to be sure your engine serial number is matched to the proper engine overhaul kit. Engine overhaul parts carry a 1500-hour or a full one-year warranty (whichever comes first). AND if you have our TRAINED PROFESSIONALS install it, we'll include all labor costs in the warranty!

* John Deere dealers are independent retailers who determine their own prices, so actual selling prices may vary from the price shown. Offer good through January 31, 1993.

Woodland News

(Continued from Page B14)

directly into the forest floor and eventually into streams, rivers and reservoirs.

Foresters can also build a forest that is relatively water efficient. By planting hardwood trees, which use less water than evergreens, foresters can assure that more water will leave the forest and flow to populated areas badly in need of it.

Foresters can also manage a watershed to influence the timing of water flows. For example, by harvesting trees on a south slope of a hill instead of a north slope, foresters can actually increase stream flow in the early spring and decrease flows in late summer. Sounds like hocus pocus? Well it's really quite logical. Because the sun shines brightest on south-facing slopes, removing trees there exposes the snow to direct sunlight and allows it to melt faster than it otherwise would.

Forestry and watershed management have been intertwined disciplines since as far back as 1500 B.C. when the Chinese altered their forests to regulate stream flow onto irrigated fields. Much later, in 1897, the U.S. Congress established the national forest system and cited watershed management as one of the chief purposes of managing the public forests.

Since those bygone days, forest hydrologists have advanced the discipline of watershed management considerably, using scientific research to lead the way. As a result, experts believe water supply can be greatly expanded by using more of what we know.

Now I'll add a few thoughts of my own. As you can see, a scientific basis has been established on which forestland decisions can be made. Today, however, more people are seeing the forest as more than a place to produce timber, wildlife, and water. Some groups see a need for their special interest (such as the Spotted Owl) and all the scientific data for other forest products go out the window. That's when the professional managers run into problems.

Here are a few more forestry facts for your consideration:

- 483 million acres of U.S. forestland are suitable for timber production. About 20 percent of this land is managed by the USDA Forest Service, the USDI Bureau of Land Management, and other federal agencies. About 15 percent is managed by forest industries. About 8 percent is managed by state and local governments. The remaining 57 percent is managed by nonindustrial private landowners.

- The area of forest burned by uncontrolled wildfire in the United States has been reduced from 40-50 million acres a year in the early 1930s to an average of 2-4 million acres a year.

- Total volume of wood in U.S. forests is now 25 percent greater than it was in 1952.

- There are more acres of forestland in Pennsylvania now than 30 years ago.

All of this points out that our community leaders, when thinking about planning the future of our forests and woodlands, should collect as many facts as possible about a situation before making decisions. It also points out that special interest groups may not always be pushing for the right decision for the greatest good of the greatest number of people.

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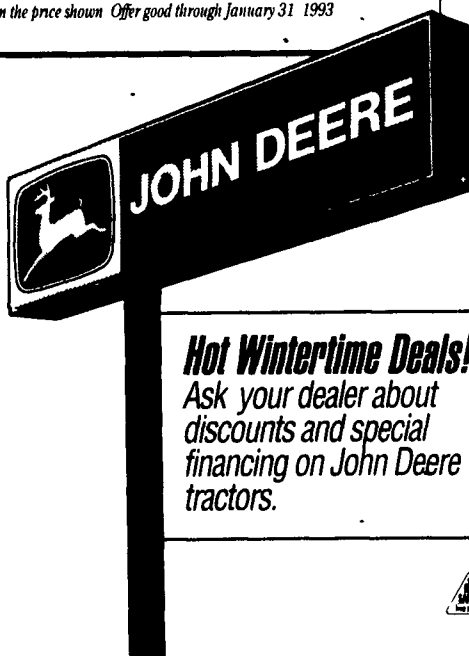
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Become An Environmental Shopper

The use of insecticidal soap is a popular pest control technique for home gardeners. It's easy to mix with water, nontoxic to pets and humans, has no poisonous residue, and it even smells clean! Insecticidal soap is so popular that many people substitute dishwashing and laundry detergents for the commercial insecticidal soap product. This isn't a good idea according to Paul Zorner, a scientist for Mycogen Corporation, Mycogen manufactures Safer's Insecticidal Soap.

According to Dr. Zorner, both types of products are types of fatty acid salts but there is a wide variety of fatty acids and it's not noted on dish or laundry detergents which type of fatty acid is present.

Safer's Insecticidal Soap, also known as M-Pede, is oleic acid, an eighteen carbon chain fatty acid. It is a natural product that kills

insects on contact but leaves no residue. Some other fatty acids which may have less carbon atoms can work as a herbicide (plant killer) as well as an insecticide. Zorner warns that some of the laundry and dish washing products home gardeners use may act as herbicides, too.

You might have noted this effect on your plants after spraying a homemade soap solution. Some of the plant foliage appears bleached and spotted.

All fatty acids will kill bugs, however, the effectiveness of laundry and dish detergents may not be as great as insecticidal soap or as safe for the plants. Keep this in mind when experimenting with soap sprays.

adapted from Detergents Are Not Soaps by Barbara Clark, American Vegetable Grower, October 1992

MAILBOX MARKET FOR SALE

Outside calf hutches, \$80 each. David B. Stoltzfus, 57 Grist Rd., Nottingham, PA. Take Brown Rd. at Little Britain, second road right. Lanc. Co.

Rock Oak, 1" to 1 1/2". Also, Cherry and Poplar. After 5 p.m., 717-776-3239.

12 yr. QH, Bay trail horse. 12 yr. fl Arab, sharp, endurance, competitive trail horse. Have shots, new shoes. 717-432-8282.

BOOKS in all fields bought, sold, and appraised. Exp. Pennsylvania/German. Call Ron. York. 717-235-2134

Fickes Silo, 26x70, concrete unloader, completely rebuilt, never used, electric wench. 609-235-3810.

Purebred Yorkshire & White Crossbred boars, gilts, bred gilts w/ performance data, local delivery available. Cumber. Co. 717-732-5223

Old farm toys, pedal tractors, misc. advertising, very large selection, shown by appointment prices negotiable. 717-866-4327 eves

Slate roofs repaired, also general repairs dealer for Fiberglass products, fiberglass feed bins, calf hutches, feed carts, etc 717-687-8069 after 6.

Lots of farm sales literature. All makes, very good selection. Call 717-866-7147 eves.

Hipolito lantern sales & service peerless storage batteries 4 yr. guarantee very reasonable. Sharpening & Engine Service, Hidden Acres, Old Rt 41, Atglen, Pa 19310.

Nylon horse halters, different colors & sizes. Also cow bands. John K. Stoltzfus, 277 Maple Shade Rd., Christiana, PA 17509.

Registered miniature horses starting at \$600. Miniature potbellied pigs 200-50 302-653-5305

AC baler w/4 cyl Wisc engine, needs a little repair, \$600. John G. Esh 243 Summit Hill Rd., Quarryville, Pa. 17566.

Single trees 1-8 hitches, yokes, pokers, cup and pot hangers, weaner, roasters, ice scrapers, shoe scrapers. Chester Co 215-273-2112

Fresh frozen meat for dogs and cats, call 215-286-9400 or 800-234-2697.

1950 Plym Station w/g rare 61,000 orig miles, orig paint, 6 cyl, radio, heater, super clean Oliver 1940 tractor 60 series \$850 Montg Co. 215-933-2469.

Lots of Antiques and Collectibles, will sell one or all 1-703-636-6285 call after 7 p.m.

Yorkshire & Hampshire boars & gilts, scan figures. Joel & Jeff Stern, York Co 717-292-4124

2nd cutting alfalfa hay very good no rain \$2.60 bale at barn. Blair Co. 814-695-3293.

Young Morgan chestnut colt, new IHC gas tanks, running Maytag gas engines, some on wash machines, IHC 10 Hp. M engine. Ben J. Kinsinger, RR 1 Box 234A, Meyersdale, Pa. 15552.

JD tractor #650 diesel w/ Woods mower underneath & snow plow \$5000, like new. Chester Co. 215-469-6334.

3 wheel feeder for wood \$200, Browne & Sharp vertical mill \$1200 OBO. Berks Co. 215-856-7856.

24T baler w/30 ejector, good cond. Dau. Co. 717-469-0834.

Buick 77 Century wrecked good motor V6, AT, Plymouth 75 Valiant good slant 6 motor AT, \$300 ea. York Co. 717-993-2628.

MF 410 combine w/WO grain head 13', ideal to strip down for parts. Wash. Co. Md 301-790-2163.

Wrapped haylage 18% protein, \$60 ton Jefferson Co. 814-371-2289.

Alum. storm windows, 11-25 1/2 x 58 1/2, 8-25 1/2 x 62 1/2, 22 window glass panes 22"x28", 32-22"x24", make offer. North'd. Co. 717-649-5320.

77 Oliver diesel \$1200, good rubber, 2 horse jet pump, \$100, 1953 Ford 1/2 ton pickup, \$450, water tank \$300. Ches Co. 215-932-3645

Tag-a-long equipment trailers, 1-6 ton, \$1050, 1-9 ton, \$1450. Cecil Co. Md. 410-287-5277.

1950 Ford V-8 2 dr. completely restored, rebuilt motor, clutch, new paint & interior, radio, wv tires reduced \$7,900. Montg. Co. 215-933-2469.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 AM or after 7 PM. 201-735-8389 or 201-735-8865.

Cat 7U-D4 angle dozer w/ hystor winch n-paing & decals, good cond. \$3250. Deutz diesel 12.5HP good shape \$450. Ben L. Stoltzfus, 5395 James Rd., Mechanicsville, MD 20659.

Specializing in pleasure Tennessee walkers. Always a good selection of trail & show horses. Yearlings, broodmares. Stud Service. Lester Weber Stables 215-267-7311.

Reg. Angus bulls and heifers. Orange Gate Angus Farm, Maurertown, Va. 22644. 703-459-3414.

Used Bee Equipment. Inverbrook Apiaries, RD2, Box 230, West Grove, Pa. 19390. 215-869-3353

MINI LOP RABBITS with papers, \$25. Very loveable pets. NZW Rabbits with papers, \$10. Cecil Co., Md., 301-885-2134

New Holland 352 grinder mixer, 16 foot wagon with wooden throwers sides and wide track chasis. Berks County 215-488-6903.

1982 Cessna 172 airplane share, \$3,990, 1981 250 KDX motorcycle, \$500, 1976 VW Beetle \$400. Lanc. Co. 215-589-4336.

1000 cutting knives for large moulding machine, old patterns \$500. Balto. Co 410-823-2640.

2 pieces 7 1/2 HP flight submersible manure pumps, single phase, 230 volts, heavy duty. 717-274-2423.

Have 1 Tolan 300 gal. stainless steel milk tank 5 miles East of Kempton, Pa. 19529. Berks Co. 215-286-6222.

36' Little Giant elevator \$600, also 2 smooth mouth work horses, 1 large sorrel, 1 dapple grey. Dau. Co. Gideon D. Lapp, 328 Lebo Rd., Millersburg, Pa. 17061.

Clean, dry, wheat straw, will deliver. York Co. 717-637-4887 or 637-0306.

3rd cutting alfalfa horse hay \$3 a bale, timothy hay \$2.50 a bale. 717-865-3278.

3 yr. old male chow, \$30, also lop-eared bunnies & cage \$25. Wanted steel wheels 27" O.D., 50" O.D. 717-354-6183.

Locust round split posts, dry locust & cherry firewood by cord. Lanc. Co 717-872-6038.

Front bucket for Sauder loader large \$50, new windows, choice \$50 ea., steel prehung doors new \$50 ea. North'd. Co. 717-275-4254.

Portable bakery army mounted on 4 wheel trailer extras air compressor, scales, outriggers, etc., inspect make reasonable offer. Lanc. Co. 717-394-1060.

10 yr. work horse ready for work. Lanc. Co. Jerry H. Martin, 716 Spruce Rd., New Holland, Pa. 17557.

Beef heifer approx. 1,100 lbs. ready for freezer, fed corn & oats, drug free 75¢ per lb. Bucks Co. 215-257-2377.

AC C rear tractor wheel \$30. Northampton Co. 215-261-1015.

Rock Cave W. Va. Mt. Top retreat 10 yr. old ranch, 2 br. 2 ba. old barn on 65 mostly wooded ac, good hunting 100K 410-639-2959

Mixed grass hay, large round bales, stored outside, \$20 ea. Juniata Co. 717-436-8479.

NH 271 baler, w/thrower, 479 haybine working cond., "82" Malibu S.W. Wanted: 30KW generator for 236 Perkins. Lanc. Co. 215-445-6049.

Diamond tread plate alum. 3/16-4x10 sheets new \$1.75 lb. Lanc. Co. 717-354-8606.

Two hereford feeder steers 500 to 600 pounds one heifer and one steer home raised. 717-442-8113.

King trailer w/DR \$2500. Chestfreezer used for feed \$10. Horse Manure U-haul Male Himalayan kittens \$200. York Co. 717-235-2950

Oliver 70 on steel MH 30 101 JR Oliver Super 55 \$1700 400 with fast hitch. Lewisburg, PA 717-524-2410.

13 acres wooded land can sub-divide along Route 664 Clinton County 5 miles from Woolrich utilities available sewage approved. 717-867-1201.

Backhoe JD 300 gas good cond \$5500 or best offer York Co After 7 p.m 717-933-3350

18' Berg manure auger good condition Lebanon Co 717-273-8355

Registered Jersey bull breeding age from excellent Royal dam. Has brothers in A.I. sired by Great Magic \$500 Adams (717) 624-8206.

IH Heat Houser with windshield for 685 Case IH tractor used one season. York Co. 717-246-0430.

Aluminum triple track storm windows with screens, good condition \$5 each. Double hung window sashes also available Berk Co. 215-488-6177.

One pair of rear steel wheels 23" centers 49"H 15"W also complete set of skid steer tires, 2 new w/ rims 10.00-lb. (215) 445-7527 Lanc. Co.

3 60 lb. Sta-rite milkers \$140 per-unit. DeLaval pulsators can be mounted. Christ Beiler, 1450 Harmony Ridge Dr., Drumore, PA 17518 Lanc. Co.

Two Belgian colts, 4 and 7 months, 1 filly, 1 stud Daniel Stoltzfus Jr., 40-B Pequea Valley Rd., Kinzers, PA 17535.

Open buggy, excellent condition. Daniel Beiler, 361 Furnace Rd., Quarryville PA 17566

Set of three Nutone plug in intercom Several years old but used very little \$75 Lanc Co (717) 354-0012

JD narrow front end \$2000 14.9x38 tractor tire 75" tread \$100. 2 henny penn chicken brosters \$1000 Warmer 2x2x4 \$200. Ca 717-292-4154

John Deere B 1947 new muffler, and battery straight hood and grilles cultivators \$1100. Evenings and weekends 717-677-8357 Adams.

Beckurth Spinnet piano with bench \$350. Eryl John Deer R collector, 4 in boxes \$40 each. Leb. Co. 717-865-6860 after 5.

1968 Ford F-100 trk. NH 220 Cummins engine, good for parts or restore. Make offer. Call after 4 p.m. 717-292-5776 York.

Geese, ready to butcher. Wanted 20 quart stainless steel pails w/lids. David Stoltzfus, 240 Forest Hill Road, Leola, PA 17540 Lanc. County.

Uni 705 GMC V6 diesel (50 hrs. on overhaul). 767 3R corn chopper. 768 W/N Super cornhead. 866 Hay PU (Ex. Cond.). 727 Husker. 735 3RN cornhead. 717-837-0337.

14 month old Jersey Heifer very tame make excellent family cow \$350. Cumberland Co. 717-776-4821.

Case 1537 gas skid loader, manure forks and extra hydraulics, ground moving attachments \$3800 or make offer. Snyder Co. 717-539-4043.

Little Giant elevator with drag bottom. 77 Ford pickup 150 custom, good motor poor clutch. 717-235-3197 after 4:30 p.m. York Co.

22 Holstein Lord, 7 fresh, 15 close springers, 2nd & 3rd calf good udders \$1100. Ewe sheep \$55. Franklin Co. 717-264-4298.

Bolens H-16, 16 HP, 38" mower snow blade \$2000. Freestalls, 8"x4' auger w/11/2 hp motor, auger screw 7"x10", heavy wooden gates. Lanc. Co 717-684-3129.

6 Jon double feedbin (steel) with suction couplers for hammermill \$400. Small wood or coal stove with or without waterjacket \$325. Israel Beiler, 343 Christiana Pike, Christiana, PA 17509.

6 yr. old mule good broke and lots of snap 17 hands. Armon Stoltzfus, 49 Sawmill Rd., New Providence, PA 17560.

20 ton feed bin, gas heater, storm windows, 32x68 egg carts, waters diesel fuel tank. Leb Co 215-589-2123.

Air-Flo spreader like new \$1500 firm 908-938-2593 Monmouth, NJ.

Saddles- 18 in Stubben exc. cond. \$550. 14 in. youth/ladies Western \$140. 15 in. Western Bona Allen \$275. Baltimore County (410) 592-5564.

Chevy 4x4 1/2 T 350 w/3 way snow plow. Farmall 300, live PTO, good shape. Lanc. Co. (215) 267-8218.

Massey grain combine, 10' head, new knives & guards, runs good \$500. Suffolk County 516-473-1680.

Hickorie tree with solid log about 20' measuring 78" around. Take best offer. You cut down. Lancaster County 717-738-4117.

White 7600 Combine, 14' grain head, W4 row corn head, gas \$3000. Call (201) 579-2628 Sussex County.

30 ft. motor home with Dolly Cummins pusher dual A.C. 6.5 Gen too much to list \$15,000 firm. Cumberland Co. 717-766-7694.

Plate glass rack for 8 ft. pickup \$975. Woodworking 3-head sticker \$850. Asphalt plate compactor \$875. Northumberland Co. 717-286-5306.

Commercial ice maker, chest freezer, skis, lights, gang boxes, shop sweeper, band saw, oven broiler, carpet shampooer, 2 burner stove. 717-921-3245.

Scale replica Pennfield tractor-trailer feed truck still in box mint condition asking \$75. Call (717) 658-7389 Snyder Co.

Jenny Waste oil heater 110,000 BTU floor model excellent condition paid \$1600, \$1250 OBO. (302) 994-0843.

Oliver 1950 bad gears. NH 795 spreader top beater tail gate. JD 400 rotary hoe, small feed bins, oat crimper, steel beams. 717-866-2091.

Sawmill for sale OD frick 3 blades GMC power unit complete rebuilt must see \$6500. Lehigh 215-966-4642 after 5 p.m.

Hawk Bilt model-207 manure spreader also WIC 7 h.p. bedding chopper. Leb. Co. 717-866-5100.

Used horse collars good cond. All kind sizes 16 thru 25. Christ Fisher, 1975A Mine Rd., Paradise, PA 17562.

Flat bed trailer tandem axle electric brakes on one set 8'x14' Englo 80 gla. air compressor with 8 hp. Kohler. Garrett County 301-334-9367.

D5 Cat 96J 12 ft blade. JD 455D 2500 hrs with new motor only 300 hrs. 20 ton TR air brakes. Bed Co. 814-784-5872

42 ft. storage van excellent \$1500. 5 ft Bush Hog like new \$600. 3400 Ford diesel loader backhoe \$4500. 20-825 new tire & rim mounted \$130 16.5 rims 8 hole with tires \$12 each. Hunt Co. 908-995-4275.

Gas stove with oven and four burners - white and 30 inches good condition. Lancaster County 717-354-5640.

1981 M.H. 285 Tractor, cab, air & heat, 70 HP, 8 speed trans., 1900 hrs., runs excellent \$8900. Montg. Co. 215-584-6053.

NH 489 haybine like new NH 519 spreader end gate, upper beater good condition. Berks Co. 215-756-4379.

Conn. Valley Arms Co. .50 caliber Flintlock rifle. Extra action assembly. Gun is in excellent condition. Columbia County (717) 672-2638.

New and used wooden bushel apple crates, approx. 500 left to choose from. No deliveries. Columbia County (717) 672-2638.

Massey Ferguson model MF-620 snow blower attachment for large garden tractor, 36" cut, excellent condition. Columbia County (717) 672-2638.

Bolens 54 in. snow plow and 42 in snow blower for large frame tractors Warren County 908-454-8378

Columbian cook stove model 23-T. Lanc Co. 215-445-7522.

Feeder cattle, 1 steer, 1 heifer, 2 bulls, ranging from 400 to 850 pounds. Lebanon County 717-865-5022.

Mobile pallet truck 5,000 lbs. capacity (ML50) A-1 condition \$75. Alis Chalmers table blower pulley driven \$50. 717-626-7282 Lanc. Co.

Steer black white face, 400 lbs., tame, wormed, shots \$325. Dog Kennel w/box \$150. AC lawn tractor parts. York (717) 428-3124.

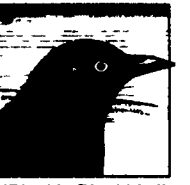
Reg. Romney ram, your choice, white or silver/black, both beautiful fleeces, proven, 3 yrs. spring, '93, \$100 ea. Berks Co. 215-987-6902.

S&W 59 nickle \$350, Browning Challenger II 22 \$200, Rem. 572 bdl. 22 pump \$175, L/N in box plus transfers. Del. Co. 717-485-4905.

Eastern wild turkeys, 3 cast iron hog trough cabbage, silky chicken white & black. York Co. 717-252-3589.

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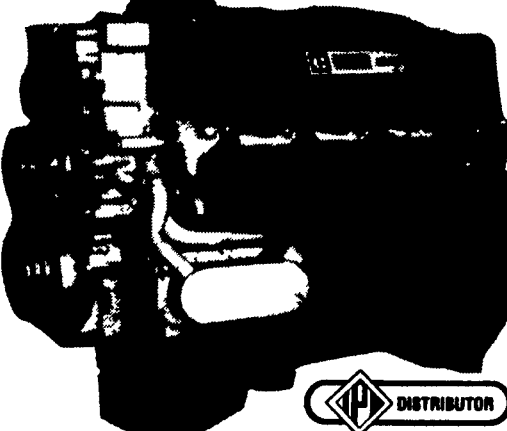
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MAILBOX MARKET FOR SALE

1970 Int. 1700 truck GVW 27,000 cab & chassis \$1900 w/14" steel floor body, \$2250. Chester, no Sundays. 215-932-5977.

6 wk. old Pomeranian pups. Amos Lantz, 1072 Prescott Rd., between Kell-er Bros. & Kralls Church.

Bridgeport milling machine complete w/bits & all attachments, \$3500 or best offer. 215-793-1970.

Pair yearling mute swans \$300, pair 3 yr. old mutes \$400, pair 5 yr. old mutes \$500, can deliver. NH CT. 203-564-2579.

Calumet lagoon agitator, PTO hyd. raise almost new \$2500. 503-568-4735.

Meyers 7' snow plow w/ tractor frame \$475, 4' free standing barn fan \$200. Bucks Co. 215-847-2619.

1970 Dodge pick-up 318 V8, automatic, runs great, some rust, \$450, 1960 Rambler, restored \$2,500, plaid sofa, \$35, all negotiable. Leb. Co. 717-933-5648.

Columbia kitchen range. David B. Stoltzfus, 57 Griest Rd., Nottingham, Pa. Lanc. Co. Brown Rd. at Little Britain Second Road Right.

Rotary phase converter 30 HP will run total of 65 HP motors, complete w/ breaker box & breakers 800 OBO. Tony. Chester Co. 215-647-3380.

MF model MF-620 snow blower attachment for large garden tractor, excel. cond., will sell cheap. Col. Co. 717-672-2638.

Douglas Fir world, vice-president Chris wants to sell out & go south for the winter. Call now. Low prices. Col. Co. 717-872-5263.

Male Rhea 2 yrs. old healthy, large ready to breed. Monroe Co 717-424-5505.

AC crawler HD5, \$37 neg., NH 104 backhoe attachment for NH skid loader \$2500, Ford 747 backhoe for 1910. Bucks Co 215-598-7546

1983 Ford F250 pickup 4 sp. diesel 2WD, \$2800 or best offer. 215-485-3584.

Dodge Dakota 6' bedliner, new & orig. factory equip., never used, \$150. Berks Co. 717-933-8357.

AKC Shelties, shots & wormed. Lanc. Co. 717-786-2947.

Coal stove, champion, used only 4 yrs., \$300 firm, also, saddlebred stallion stud service. A.M.S. Jr., 269 Rosedale Rd., Christ-iana, Pa. 17509.

16 white face heifers average wght. 500-550. Ches-ter Co. 215-273-2584.

9N Ford tractor \$1595, NH 56 rake rubber teeth \$950, NH 512 PTO manure spreader \$895, NI 5 wheel rake \$250, Bobcat skid loader as is \$895. 717-354-0266.

7 ewes due to lamb in Jan. Suffolk type & black or white \$70 ea Berks Co 215-777-1653 anytime.

Thorobred gelding 4 yr. old w/papers, 5 yr. old mare TB 15 2 large mare pony rides, drives. 1-442-9026, 1-442-4967 after 5 p.m.

1939 AC B w/cults. plow harrow new paint, tires Lanc. Co. 717-367-4970.

2 ultra violet lights excel. ring worm prevention in kennels, \$100 for both. Pit-man, Schuyl. Co. 717-648-6169.

1988 Ski-Doo stratos snowmobile w/trailer, many extras, garage kept, \$2500. Salem Co. 609-358-6455.

3 yr. old standardbred bay mare good roader, 3 yr. old saddlebred mare sorrel willing. Lanc. Co. Daniel S. Stoltzfus, 413 Cains Rd., Gap, Pa 17527.

Equipment trailer 1992 Hill-sboro new 24' w/flip-up beavertail, new tyle bed 12" cross member spacing 14,250 GVW, \$4,300. 201-579-1226.

Used alum. triple track self storing storm doors & win-dows. Fred. Co. Md. 301-447-2113 after 8 p.m

1983 Buick Century sdn. V-6 auto fully loaded, 74,000 miles inspected runs good, 4 new tires, \$600, front cults. complete for Oliver H-G wide gauge. Schuyl. Co. 717-386-3143.

Steel wheels, 51" h 12" w 1 1/2 " cleats fits Farmall 2 1/2 " sliding axle, NH 489 hay-bine, very good. Lanc. Co. 717-355-9620.

Home raised steers 7 Angus 1 holstein about 500 lbs. Berks Co. 215-286-5422.

3 Polaris snowmobiles like new, 300 miles one Indy, 2 classic must sell. Mon-mouth Co. N.J. 908-577-8113.

Large Axman-Anderson coal stoker, good cond., \$600. Dau. Co. 717-469-7658.

Carb repair kits 50's-70's, autos 141- \$350, JD turbo AR69583 new \$500, Binks 2001 spray gun. Bob Snyder, 1751 Woods Rd., Akron, OH. 44306.

VG4D Wisc. engine 12 volt electric start needs work, \$500. Cumber. Co. 717-776-4261.

Mennonite top buggy w/ steel tires & hyd. brakes \$1,000 OBO. Lanc. Co. 717-733-1367.

Michigan wheel front end dozer loader 175A Detroit diesel engine 7 cu. ft. excel. shape. Hunter. Co. 908-996-2387.

AKC Elkhound pups born 11-23-92, \$80 ea., also AKC German shepherd stud service. Lanc. Co. Aquilla Smucker, Harvest Rd., Bird-in-Hand, Pa. 17505.

2 spring wagon 1 new, 1 good cond 717-656-8445

4 yr. old standardbred bay stud, no papers 15h gentle, needs good home, \$400 Berks Co 215-926-4620.

5 acre lot per approved great view close to state game lands & Pine Creek dam. Lyc Co 717-634-3222

Reg. English shepherd pups, litter due 1-30-93, for more information 1-814-796-4070, now tak-ing orders.

Used Bell & Howell IAS home study public account-ing course, complete set (14) vols. \$150 orig. cost, \$1300. David J. Neff, 1111 Delta Rd, Red Lion, Pa 17536

6 HP slow spd Lister diesel \$650 Lanc. Co Noah H Martin, 563 N Railroad Ave, New Holland, Pa. 17557.

Eskimo Spitz pups \$25 York Co. Jacob Stoltzfus, 425 South, RD 2 Airville, Pa 17302.

Electric motors, 3, 5 & 7.5 HP 3-phase best offer, Reese hitch for Chevy truck \$25. York Co 717-993-3350, after 7 p m

Purebred holstein bulls (10-20 mos.) dams w/ records to 27,500m. & 1150f. Priced to sell. Deliv-ery possible. Franklin Co 717-597-3770 or 328-5487 or 328-3530.

Several Tenn. walking horses for trail & pleasure quiet & 100% sound Luz. Co. 717-379-3217 after 5 p m

1/4 -10' Cincinnati squaring shears, press brakes 30-120 ton, press brake dies, punches, 1 ph mig welder. Lanc. Co 717-355-2694.

Pixall 1 row snap bean harvester pull type only 3 yrs old, grading table \$12,500. Juniata Co 717-436-6067.

JD F-350 hyd reset plow 4 btm. 16 9x34 tires on rims, E-Z flow 10' fert spreader Lyc Co 717-745-3305

Gleaner combine 3 heads 2 & 4 acre building lots, 1000'- 12/3 wire, camp/ storage trailers Oxford Area Chester Co 717-673-4532

D S Broiler hot water heater, coal stove top cond, \$550 best offer, also wood stove, hot water heater North'd Co 717-649-5060

MF 1130 cab & 246 loader Bradford Co. 717-358-3742.

AC- HD5 or HD6 choice runs good \$4,995/offer near Hagerstown. 301-972-0996.

Heavy duty utility trailer, truck body, dual wheels \$225 Chester Co 215-932-5791.

Custom built car trailer 15', tilt bed, sliding axle, 10000# GVW good tires, elect brakes, \$1200 Hunt Co 814-627-1277

Lathe chucks 4 jaw 14", \$250, 3 jaw 12", \$225, cab enclosure for JD 450B, \$850 Lack Co 717-282-1047.

AG3 electrack tractor, motor dismantled, good undercarriage. Franklin Co Amos Stoltzfus, 18389 Dry Run Rd., W. Spring Run, Pa. 17262.

18 4-34 tractor tires w/ pressed center rims, axle clamps, wheel wghts., 80-90% tread, off 656, also front tires. Union Co 717-922-4447.

New Nat gas water heater, \$60, 1 bred holstein/jersey cross heifer, make offer Cumb Co 717-486-7194 no Sun calls

Fairbanks 1000 lb scales excel cond, all wghts, included perfect balance Perry Co 717-789-4569 Box 54B, RD32, Loysville, Pa 17047

1970 Chev 4x4 w/utility body, \$1000, 25 KW gener-ator mounted on trailer like new, PTO, \$2100 w/box Berks Co 215-845-2443

Exercise equipment calf hut, EFM hot air furnace. 717-856-1386.

Looking for Christian family interested in part-time farm work in exchange for house to rent. Fred. Co. 301-898-9352.

1981 1754 Int. truck tractor single axle 9 liter diesel 5x2 trans. 45' roller trailer, \$3000 will separate. Lanc Co. 717-548-2937.

Weaver manual press 28 ton, good cond. Lehigh Co. 215-767-3293.

7' wide snowplow to fit IH or flat beam tractor, \$250. Perry Co. 717-567-6710.

Farmall M tractor eng. redone extra nice, fenders belt pulley, hyds. 15.5x38 tires must see, \$1600. Inwood, W. Va. 304-229-3917.

1 Charolia heifer 6-mo. old, 1 Charolia bull 5-mo. old, purebreds \$450 for 1, \$900 for both. Berks Co. 215-926-4436.

Lancaster Farming, Saturday, January 2, 1993-B17

AKC Schipperke pups 10 wks., shots/wormed, 4 gen pedigree parents on pre-mises, \$250 cute little teddy bears. Allentown, Lehigh Co 215-433-8945

Heston #10 stackhand stacker \$500, 1984 Kountry Lite 5th wheeler camper very nice cond., lots of extras, \$8,995 717-374-9141.

New hyd. pump for truck dump body control valve & relief right or left rotation \$300. Balto. Co. 410-374-9750.

Royal Paulownia, Cypress bottlebrush buckeye, trees. Ephrata, Lanc Co. 717-738-2091.

Case corn harvester w/ bundle gatherer, McCormick Deering reaper binder last used 3 yrs ago, 7/8 Haflinger pulling colts green 717-465-3669

Plywood feed bins calf shelters, calf hutches, blower pipe taking orders for baler twine, Jan., Feb at reduced prices. Lanc. Co. 717-442-8972

MAILBOX MARKET WANTED

Attic Flooring and Log Houses. 717-626-4520.

H S Gilbert Chambersburg 7 in 1 combination wrench wanted. Name your price. Write- Harry Wehler, 3655 Admire Rd., Dover, PA 17315.

Old Maryland milk bottles by serious collector Cash paid or will trade. Call col-lect after 6 p.m. 301-721-0473. Crownsvil-le, Maryland.

Will trade duplicate Win-ross literature for same, also willing to purchase Want to buy Jevic, Tootise Roll trucks, Mike 717-737-4386 Cumb. Co.

Propane refrigerators & freezers in good cond., also want 1961 Lincoln Continentals in any cond Ocean Co. N.J. 201-929-4358.

Toys of any kind. Cars, trucks, planes, boats, robots, soldiers, etc., 1960's & older, cash paid. York Co 717-292-5573

Case 930 diesel head Call after 6 p m 814-267-3996 Somerset County

Used 7 HP Baldor Motor Catalog #UCL570 Frame 182TZ 3450 RPM single Phase within 80 miles Sunbury, Northumberland Co 717-286-9380

Tew or equal fruit washer and water absorber. Lehigh Co. 215-433-8826

House and barn for retired man Hanover area, Pa. or Westminster, Md Will pay good rent for right property Howard Hunter, PO Box 341, Mineral, VA 23117

Radial arm 8 or 10 inch Lanc. Co. 717-656-3050.

Handyman to live on farm. Experienced riding horses, horse owner welcome, gentle working animals Sch Co 717-345-8091

800 to 900 gal milk tank w/ lids, need by Feb. 1993 717-656-2797

Snow blower for front of 1970 Simplicity #3212V' lawn tractor or 42" snow plow blade 215-670-9544 Berks Co.

IH Tractor H or M WFE restored or restorable 717-436-6137 Juniata Co

Sauder manure loader type F.H.V. with Hyd bucket. Franklin Co 717-597-4494

Badger silo unloader 20' parts or bale and Ford 300 six cylinder eng. Chester Co. 215-932-3352.

AKC adult Rottweiler dog female. Also woodwork to do at my shop. Leave mes-sage eves 717-661-2188.

For rent 2 bedroom house on farm, less rent for help couple. Harford Co, Md 2-Farms for sale Airville, Pa. Amish neighbors.410-329-6842

Electric fork lift, walk behind with carger. Lanc Co 717-354-9410

Good Chipper for limbs, brush 10x10 overhead garage door Angle iron, alum to build utility trailer Lanc Co 717-367-1933 between 7-11 p m.

Help wanted Dairy farm, Terre Hill Lanc Co. 215-445-5003.

Carbon Arc torch for Lin-coln stick welder. East Earl, Lanc. Co. (215) 445-4375

5 gal. ice cream freezer White Mountain preferred. Ivan Bond, PO Box 58, Benton, PA 17814 Tel. 717-925-6491.

Acorn barn cleaner, for parts or worken con and farm way barn cleaner parts. Chester Co 215-932-3352

John Deere Series H trac-tor running condition Also John Deere No 5 sickle bar mower. 215-692-2188 Chester County

Bloodhound puppy, female, pump fertilizer squeeze any size condi-tion. Jeep 46 to? Can repair Berks Co Rick evenings weekend 215-683-5242

Old sparkplus new or used send list with price. David Frazier, 2207 Timothy Drive, Westminster, Md 21157 Carroll Co 410-635-6723

AC G Cultivating tractor. Must be complete in good running condition. (717) 573-4292 Fulton Co

Good home for 2 female Blue Tick hounds, 1 yr. old, will separate. Call 717-754-3009 for more info. Southern Schuylkill County.

Good bucket milker with vacuum powered lid pulsa-tor complete parts. Home pasteurizer Standard truck cap Reasonable prices? Cumberland County 717-244-8694

IH 203 combine parts, gas tank etc. Call 717-359-4975 Adams Co

3 point conv. kit for Farmall M 100' 8" PVC drain pipe used. Stm Md. 301-373-2163.

B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231

HOOBER

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555

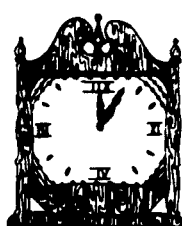
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ASS'T. PARTSMAN - KEVIN THRUSH
PARTSMAN - ROY WEAVER
PARTSMAN - JOHN STONER
PARTSMAN - AL YODER
ROAD SALESMAN - KENNETH BEILER
ROAD SALESMAN - CARL HERSHEY
PARTSMAN - BRAD HERSHEY
PARTSMAN - RAY SHISSLER
PARTSMAN - DICK SKETHWAY
PARTSMAN - BRIAN HORST
PARTSMAN - ROBERT GROFF
PARTSMAN - EARL WALKER
PARTSMAN - ROBERT BOOK

*By Service
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ROAD SALESMAN - MARK LOCKWOOD
ROAD SALESMAN - SAM NULL
PARTSMAN - SALLY AIKEN
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PARTSMAN - STEVE HANIFEE
PARTSMAN - LARRY MOORE
PARTSMAN - DAVE NEUGEBAUER
PARTSMAN - TOM FALSON
STOCKMAN - LEE HURLOCK

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*Brush, Roll Or Spray - We'll Do It Either Way
For Jobs Large Or Small - Our Men Will Do It All*

MAILBOX MARKET
WANTED

Early bicycles, of all kinds pre 1900's thru the deluxe models of 1950's. Metz, 25 Broadway, Freehold, NJ 07728 908-462-2735

Rebounder at least 38 in 275 gal fuel tank both good cond, send price, Samuel Lapp, 401 Academy Road, Oxford, Pa. 19363

Used 14 HP or 18 HP White or Yardman tractor w/ mower deck Snyder Co 717-374-4720.

Narrow 4 row corn header for Gleaner model G combine (30" rows) Monroe County, Pa. 215-681-4305

JD 350/450 crawler loader or equiv other makes shuttle drive, good operating cond, Oliver 88 parts tractor Hunt Co 814-627-5149

Pressed steel rear wheel for Oliver 60 9x32 & set of steel wheels Bucks Co 215-348-3337

JD "M" implements & attachments any unusual parts, a parts tractor 607-692-2179

Old motorcycles especially European or American, condition not important, whole or parts Lehigh Co 215-398-6228.

Rear end for 1966 Int Loadstar 1600 215-267-5012.

1000 gal air tank or (2) 500 gal tanks in Centre County area Lanc Co. Menno Stoltzfus, 116 Harnistown Rd., Paradise, Pa. 17562

700 to 900 gal milk tank no ice bank or Girtor Lanc Co 717-656-2797 call from 8-5

718 or 782 w/2 row corn head, also 3 pt hitch, sickle bar mower Union Co 717-922-4350

Grain Probe to check grain in bins. Berks Co (215) 756-6622.

3 to 7 mth old AKC German shepherd pup Lanc. Co Eli Esh, 244 Lynwood Rd, Ronks, Pa 17572

8' slide in camper, pop-up or lightweight w/stove, ref, heater, excel cond Col Co 717-683-5155

Early 80's Ford F-250 or Dodge D-250 w/V8 & 4x4, needed for hauling firewood, leave message Chester Co 215-347-2232

Tractor tire 12 4x38 used, but servicable for Farmall H York Co Earl S Thomas, Box 7, Railroad, Pa 17355 717-235-3197

28x36 Frick thrash machine w/long Ebersol feeder in good cond Sam H Yoder, RD 1 Box 83, Reedsville, Pa 17084

MAILBOX MARKET
NOTICE

Registered Haflinger stud service sorrel white markings 56" well mannered gentle \$200. Berks Co. 215-683-7921.

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc Berks, 215-374-2114.

Siberian Husky stud service red & white, silver & white, blue eyes Adams Co. 717-334-3984

1970 Dodge pickup, 318 V8, auto trans, runs perfect, some rust, 61,800 miles, great farm truck \$450 Leb Co 717-933-5648

Road, 2 miles West of Hinkletown, West Earl Twp., Lanc. Co Rt. 322 in Hinkletown, turn west on Farmersville Rd., right on Goods Rd. By Katie S. Zimmerman Estate Paul W. Horst, Leroy S. Horst, aucts

SAT. JAN. 2 - 8:30AM, The Dec. 12th Auction By Bob & Tom Sechrist, Which Was Cancelled Because Of Storm Damage At Chanceford Hall Has Been Rescheduled. Located Within Chanceford Community Bldg., Brogue, York County, Pa. Rt. 74 South-east From Red Lion Approx. 8 Mi. To Brogue Post Office. Turn Right And Go 1/4 Mi. To Hall On Left. Bob & Tom Sechrist, Aucts

SAT. JAN. 2 - 9AM, Household Goods, Antiques And Tools. Located Along Goods Road, West Earl Township. Terms By, Katie S. Zimmerman Estate. Paul W. And Leroy S. Horst, Aucts.

SAT. JAN. 2 - 9AM Furniture, household goods For Marion MacReynolds. Location - Norman Parker Farm, 146 Jacobstown-Cookstown Rd, Wrightstown, NJ Lee Parker, auct

SAT. JAN. 2 - 9AM, Public Sale Of Antiques, Primitives & Collectibles Located At The Horst Auction Center At The Corner Of Rt 322 & Durlach Rd. (Approx 2 1/2 Miles West Of Ephrata), Ephrata, Lancaster Co., Pa. Sale For,

Annville United Zion Church. Horst Aucts.

SAT. JAN. 2 - 11AM 100+ Hd. Holsteins, dairy & barn equip, Ag Bagger & forage equip, Hay & Ensilage. 2158 RD #1 Prospect Pa. Take St. Rt. 422 east of Neww Castle, Pa. or west of Butler to st. Rt 528 then north 1 mile to farm lane & left. Russ Kiko, auct.

SAT. JAN. 2 - 1:30PM Jersey Shore Livestock Auction. Rt. 44, 2 Miles South, Jersey Shore, Pa

SUN. JAN 3 - 1PM, Restaurant Liquidation Auction. Located At Homeplate Restaurant, 111 North Second St, Hbg., Pa. Owner, Charlotte Books. Kerry Pae Aucts.

PUBLIC AUCTION
FOR VALLEY FORGE
ELECTRIC SUPPLY CO.

TUESDAY, JAN. 12TH
AT 9 AM

at Kimberton, Pa. At Rt. 113 & Seven Stars Rd. (Chester Co.) Midway between Phoenixville & Lionville, Pa (off Rt. 113).

OFFICE EQUIP.- 4 office desks, 5-4 dr. file cabinets, map files, typewriter, storage cabinets, office inventory.

TESTING EQUIP.- Bench surge tester, Hipotronic meters, CSC Dunovy Tension meter, elec. motor load tester up to 50 hp., AC-DC testing equip., transformer testers, Viraration analyzer, etc.

SHOP EQUIP.- 1 1/2 hp. Magnetic Drill press, metal band saw, cutting torches, Sheldon metal lathe, Bridgeport milling machine, standing drill press, 10 ton hyd. press, 2-10 hp 3 phase air compressors- Ingersoll Rand w/ heater boxes, sm. metal lathe, spot welder, Hobart welder, 3000 W portable generators, platform scale, Craftsman 10" table saw, Zero Blast-N-Peen sand blasting equip., ig. gas bake ovens, dipping tanks, battery charger, standard transformer oil, 3 elec. hoists, etc.

ELEC. WIRE, MOTORS, ETC.- APPROX 50 new elec. motors 1/2 hp to 5 hp E.S. magnet wire, STOCKRM. of elec. brushes, barrings, supply, etc., 55 drums of scrap copper, some scrap steel, rack w/ rolls of wire, all types hand tools, etc.

1987 Chevy Dual Wheel Stake body Truck, 5 ton Lowboy trailer, 3,000 lb. Clark Fork lift, 300 gal. propane tank.

Inspection- 2 hr. prior to auction. Office furniture sold first, immediate removal. This is a complete liquidation after 45 yrs. in the business.

By order of
JOHN FOULDS

Richard J. Moyer, Auctioneer

PA. Lic. AU00642L

Bonnie Brae Auction Co.

(215) 948-8050

Fax (215) 948-6959

2 Bonnie Brae Rd., Spring City, PA.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

JANUARY

FRI. JAN. 1 - 9AM Dutch cupboard, oak furniture, fiestaware, books, guns, antiques, household goods auction held indoors at the Leesport Farmers' Market banquet hall located off of Rt. 61 approx. 10 miles N. of Reading or 6 miles S. of Hamburg in the village of Leesport, Berks Co., Pa. Dennis Wagner, auct.

FRI. JAN. 1 - 9AM Annual public sale, 7 miles S. of Martinsburg, WV or 14 miles N. of Winchester, Va. off Interstate 81, take Exit #5 (Inwood) Route 51 E. approx. 3 1/2 miles East of Inwood, WV turn right at Shutts Cash Grocery .2 mile to sale. Edgar A. Bohrer, Sr. Sale Manager. Edgar A. Bohrer, Jr. app. auct.

FRI. JAN. 1 - 12Noon,

Residential Development Land - 129 Acres & Gentlemans Farm w/16 Acres & 1800's Stone House. Located 3/4 Mile North Of Manchester, .Pa. On Rt. 181, Turn Right Onto Meeting House Road, Go To Stop Sign, Turn Left Onto Board Road To 1st Road On Right - Chestnut Street, Land On Left. Watch For Signs. Rentzel's Auction Service.

FRI. JAN. 1 - 6:30PM, Toy Show & Auction. Local & Road Trucks By Winross, Many Farm Related Collector Trucks, Banks, Hess Trucks And Others. Located At Old Hickory Resort Inn, 2 Miles North Of Lancaster Off Route 272. All American Auction.

SAT. JAN. 2 - 8:30AM Household goods, antique and carpenter tools. Located along Goods

PUBLIC AUCTION

Real Estate —

14 Acre Property

4 Bdrm. House — Horse Barn

40' X 70' Garage/Shop

SAT., FEBRUARY 6, 1993

11 A.M.

*****PROPERTY MUST BE SOLD*****

LOCATION: 1730 Furnace Hill Road (Clay Township). Take Rt. 322 West of Ephrata to Clay, turn right onto Clay Road to stop sign, turn right onto Hopeland Road to Forest Hill Road, turn right to Furnace Hill Road, turn left to property on left.

Real Estate consists of "14 ACRES" mostly wooded bordered by PA Game and Middle Creek Wildlife Area. Very unique property with 4 bdrm., 2 bath, stone and frame Ranch Style Home with 2 stone fireplaces, sunken family room. Approx. 2200 sq. ft. living area. 2 car attached garage. Out buildings, include 7 stall Horse Barn with 2 acres fenced pasture, Block 40' X 70' garage/shop with 12' X 14' overhead doors, grease pit and office.

NOTE: Rural Country Property, Unique in every respect. Ephrata School Dist. Owner has relocated, Northern PA and "PROPERTY MUST BE SOLD." Terms 10% down, Balance 60 days. For details, financing help, picture brochure or inspection, Call Auctioneers #717-733-1006. Open House Sat., January 16, 23, and 30 from 1 to 4 PM. **Auction starts 11 A.M. Sharp**

Terms By:

EDWARD L. REDCAY

#814-334-5413

Kenelm L. Shirk III Esquire

Auction Conducted By:
Randal V. Kline, Lloyd Kreider
Roy Good, Jr., Auctioneers
#499L #717-733-1006



MAILBOX MARKET

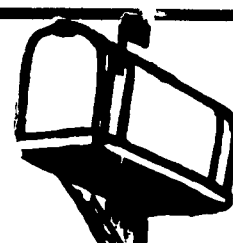
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9	10	11	12		
13	14	15	16		
17	18	19	20		



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Please give us 3 weeks advance notice. Cut label from current paper and attach in space provided; write in your new address below. Changes will be made as close to requested date as possible.

• RENEWALS

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ZIP + 4 _____ COUNTY _____

NON-REFUNDABLE

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

MON. JAN. 3 - 6:30PM,
Wholesale Furniture.
Located At A&C Diffenbach
Auction, Inc., 100 West
Jackson St., New Holland,
Pa. 17557. Alan Diffen-
bach, Auct.

MON. JAN. 4 - 5 PM
Restaurant and market fix-
tures. Colonial Park Mark-
ets, Rt. 22 Harrisburg, Pa.
From I-83 take Colonial
Park exit - Rt 22 East - next
to Hills, across from Path-
mart Mark Baranowski,
auct.

TUES. JAN. 5 - 9:30AM
Hess Rd. in Leola, Horse
Drawn farm machinery,
draft horses, milking equip.
and feed. Amos K. & Eli-
zabeth Glick. Steve &
Steve Jr. Petersheim, auct.
215-593-2828.

TUES. JAN. 5 - 10AM 1825
E. Boston Ave., Phila. Pa.
Office furniture,
appliances, bedding,
plumbing supplies, bldg.
materials, cabinets, orien-
tal rugs, restaurant equip.,
9000 wood indoor drying
racks, sport collectors
cards. Wm. F. Comly &
Son, Inc., aucts.

TUES. JAN. 5 - 11AM, Mt.
Rock Farm Cow Sale.
Located South Of Carlisle,
Pa., Off I-81 At Plainfield
Exit To Rt 11, South 2
Miles To Cumberland Golf
Course, Turn Right, Go 1
Mile To Clay Rd, Left To
Stop Sign, Left To 2nd
Farm On Left Owners, Bill
& Cynthia McKeehan Rick
Foreman, Auct.

WED. JAN. 6 & THURS.
JAN 7 - 10:30AM, Thurs.-

5PM. 2 Day-Absolute Pub-
lic Auction For ICI Ameri-
cas, Inc. Located At River
Edge Industrial Park, #42
Luken Drive, Wilmington,
Delaware. From I95 South
Take 295 South, Just
Before The Delaware
Memorial Bridge, Take Exit
Rt. 9. Crossover New
Castle Avenue On Cherry
Lane To River Edge Indus-
trial Park - Watch For Auc-
tion And Open House Pre
view Signs. St. George's
Bridge Auction Company
George Wilson, Jr., Auct.

WED. JAN. 6 - 3PM, Public
Sale Of Antiques, House
hold Goods, Collectibles &
Tools. Located At The
Horst Auction Center, A
The Corner Of Rt 322 &
Durlach Rd (Approx. 2 1/2
Miles West Of Ephrata)
Ephrata, Lancaster Coun-
ty, Pa Horst Aucts.

WED. JAN. 6 - 6:30PM,
Consignment Auction Of
Winross, Ertl, Hess Trucks,
Misc Nascar Items, And
Misc. Toys. Located At A &
C Diffenbach Auction Inc.,
100 W. Jackson St., New
Holland, Pa. 17557. Alan
Diffenbach, Auct

FRI. JAN. 8 - 10AM, Horse
Sale. Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa.

FRI. JAN. 8 - 10AM Farm
equipment, tools and misc.
household items. Located
S. of Manheim, approx. 2
miles at the premises
known as 1333 Woodlot
Road. Just South of Fruit-
ville Pike and Bucknoll
Road. For Rachel B. King.
E.M. Murry Assoc., Aucts.

FRI. JAN. 8 - 11AM, Van-
lure Milking Herd Dispersal.
Located At Kling's Auction
Barn, 15 Miles North Of
Carlisle, On Route 74, 2
Miles From Landisburg, Pa
Kling's Auctions, Inc.,
Sales Mgrs

FRI. JAN 8 - 1 30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13 South Off I-81, Left Onto
Alexander Spring Road
717-249-4511.

SAT JAN 9 - 8:30AM,
Antiques, Furniture, Collec-
tibles, Etc. Located At
Chanceford Community
Hall, Brogue, York County,
Pa. Rt. 74 Southeast From

Red Lion Approx. 8 Mi. To
Brogue Post Office. Turn
Right And Go 1/4 Mi. To
Hall On Left. Bob & Tom
Sechrist, Aucts.

SAT. JAN. 9 - 9AM Farm
Equipment. Located 2
Miles Southeast Of Route
472 From Kirkwood, 7
Miles Southeast Of Quarry-
ville, Two Miles South Of
Bartville Store. At 68 Morri-
son Mill Road, Lanc Co.,
Penna. Owner, John Stolt-
zfus. Diffenbachs aucts.

SAT. JAN. 9 - 9AM North
American Wild Animal Tro-
phy Collection and Related
items. At Springetts Fire
Co. Social Hall, 3013 E.
Market St., York, Pa. For
the estate of Frank Lobitz
of Hazelton, Pa. Jacob A &
Brian L. Gilbert, aucts

SAT JAN 9 - 9AM, Anti-
ques, Household Goods,
Furniture, Tools. Located
At Starr Firemans Building,
Rt. 272 North Behind Wil-
low Street Firehall, Willow
Street, Pa Sale For Ruth
Parker & Esther Moore
Miller & Siegrist, Aucts

SAT. JAN. 9 - 9AM, Anti-
ques, Household Goods,
Toys, Collectibles & Tools
Located At The Horst Auc-
tion Center Located At The

Lancaster Farming, Saturday, January 2, 1993-B19

Corner Of Rt 322 & Dur-
lach Rd. (Approx. 2 1/2 Miles
West Of Ephrata), Ephrata,
Lancaster County, Pa. Sale
For, Katherine M. Carpen-
ter, Leroy Trupe & Others
Horst Aucts

SAT JAN 9 - 9AM, Collec-
tor Cars- Restored, Excel-
lent Condition, Antiques,
Tools & Guns. Located At
55 Meng Road, Off Of The
Game Farm Rd., Limerick
Twp., Montgomery County,
Pa At The Corner Of
Smith's Garage (Car Deal-
er) On The Swamp Pike,
Go North Onto The Game
Farm Rd Watch For Sale
Signs Nelson C Weiden-
baugh, Auct

SAT JAN 9 - 10AM, Trac-
tors, Combine, Trucks,
Farm Equipment Located
From Easton, Md Follow
Rt 50 West To The Airport
(62 Mile Marker), Turn Left
Onto Rt. 662 (Longwoods
Rd), Go Approx 3 Miles
To Farm On The Left From
The Bay Bridge Follow Rt
50 East To 58 Mile Marker,
Turn Right Onto Rt 662
(Longwoods Rd) And Go
Approx. 4 Miles To Farm
On The Right. (Signs Post-
ed). Owner, Mr & Mrs
Phillip Hutchison A Curtis

Andrew Auction, Inc.

SAT. JAN. 9 - 10AM, 3
Cars, Michigan Loader,
Paver, Rotary Mower,
Snow Plows & Surplus
Items. Located At Robeson
Twp. Municipal Bldg
Along Rt. 724, Near Gibrat-
tar. 3 Mi. E Of I-176 (Read-
ing) Or 2 1/2 Mi W Of Birds-
boro (Rt 82) Berks Co
Frey Aucts

SAT. JAN 9 - 10AM Pa
Farm Show bred gilt sale
200+ head, small arena
Harry H Bachman, auct

SAT. JAN. 9 - 11AM, Public
Auction Of Valuable Real
Estate. Located At 229 W.
Main Street, Leola, Upper
Leacock Twp., Lancaster
County, Pa. A lot 26x95
Terms By Alice E. Martin
Robert & Jeffrey Martin
Aucts., Cynthia Balkeslee
Attorney

MON. JAN 11 - Leroy S
and Anna Z. Musser
Located 2225 Bald Eagle
Rd., Drumore, Pa. Farm
equipment and tools. Paul
E Martin, Auction Service.

MON JAN. 11 - 9AM,
Truck, Farm Equipment,
Tools Located From Lan-
caster, Route 272 South
Through The Buck, 1/2 Mile
Past Valley View Restau-
rant Turn Right Onto Spring
Valley Road Go To Sec-
ond Stop Sign, Turn Left
Onto Slate Hill Road, Go 3
Miles To Town Of Fairfield,
Turn Right Onto Benton
Hollow Road. At First Y
Keep Right, At Next Y Keep
Left On Bald Eagle Road
To First Farm On Left, Lan-
caster County, Pa. Auction
By, Leroy S. & Anna Z.
Musser. Paul E. Martin
Auction Service.

TUES JAN 12 - 9AM, Val-
ley Forge Electric Supply
Co Located Kimberton,
Pa (Rt. 113 & Seven Stars
Rd. (Chester Co) Midway
Between Phoenixville &
Lionville, Pa. (Off Rt. 113)
By Order Of John Foulds
Richard J. Moyer, Auct

TUES. JAN. 12 - 10:30
Sharp. Horse Sale, Draft,
Driving And Mules Located
At 834 Wallace Rd., New
Holland, Pa Owner, Mel
Hoover. Abe Diffenbach,
Auct.

WED. JAN. 13 - 10AM,
Meat Packing Facility For-
merly E.W. Martin Co.
Located From Lancaster
Route 30 By-Pass: Take
Greenfield Rd. Exit, South
On Greenfield Rd. To First
Traffic Light, Turn Right
Onto Old Philadelphia Pike
(Route 340W), 1 Mile To
Sale Site On Right. Green-
field Rd. Exit Is 2 Miles East
Of The Intersection Of
Route 222 And Route 30
By-Pass. Comly Aucts

WED. JAN. 13 - 3PM, Anti-
ques, Household Goods,
Collectibles, Tools.
Located At The Horst Auc-
tion Center, Located At The
Corner Of Rt 322 & Dur-
lach Rd., (Approx 2 1/2
Miles West Of Ephrata),
Ephrata, Lancaster Coun-
ty, Pa. Horst Aucts

FRI JAN 15 & SAT JAN
16 - Session I- 8 30AM,
Session II- 5 30PM, Ses-
sion III- Sat 8 30AM 3
Session Unreserved Public
Auction, 1580 Lots- Pri-
mitives, Pottery, Carnival
Glass, Textiles, Country
Furniture, Folk Art, Etc.
Located At Horst Auction
Center, 50 Durlach Rd, Rt
322 - 2 Miles West Of
Ephrata, Lanc Co., Pa.
Terms By, T. Glenn Horst &
Son, Inc. Horst Aucts

FRI. JAN. 15 - 9AM
Mechanic shop & garage
equip. From Lanc., Pa take
Rt 222 S app. 10 1/2 miles
to New Providence, turn
West onto Main St to Cin-
der Rd turn right, go 2
miles to sale on right By
Charles & Sheila Falter-
mayer Aucts. Kreider,
Kline & Good.

FRI JAN. 15 - 2PM, Abso-
lute Real Property Auction
181 Acres Mostly Wooded
With Roadways, Pond,
Springwater & Sewage
Permit! No Buildings! SALE
POSITIVE! Located
Between Gold & Genesee,
Pa. Pirrung Aucts., Inc.

PUBLIC AUCTION SATURDAY, JANUARY 9, 1993 AT 9:00 A.M.

COLLECTOR CARS RESTORED, EXCELLENT CONDITION

1960 4 dr. black LINCOLN CONTINEN-
TAL, chrome trim, fully equipped.

1960 2 dr. LINCOLN CONTINENTAL
CONVERTIBLE, light blue, loaded. Must
see.

1949 CHEVROLET No. 1 DUTCH
WONDERLAND FIRE TRUCK.

1980 PETERBILT TRACTOR BODY
Type II with 1972 Whitehead car carrier.

1988 MGS 17' CAR TRAILER.

750 CASE BULLDOZER.

2 STORAGE SHEDS. Approx. 27 x 15
- 9 x 12.

ANTIQUES — TOOLS — GUNS
To be held at 55 MENG ROAD, off of
the GAME FARM RD. Limerick Twp.,
Montgomery County, PA. At the corner of
Smith's Garage (car dealer) on the Swamp
Pike, go north onto the Game Farm Rd.
Watch-for sale signs.

— ANTIQUES —
Beautiful oak 6' ornate high back bed.
Winter New Yorker piano. Victorians
and Starr Victorlas. 4 drawer chest—top draw-
er has pigeon hole compartments and
sides are swirl inlay w/metal pulls. Oak
bureau w/mirror. Wash stand. Record
cabinet. Poster double bed. Sml. gate leg
table. 2 upholstered arm chairs w/claw
feet. Tea cart. 4 mantel clocks (Sessions,
Plymouth & Ingram). Mahogany Duncan
Phyfe drop leaf & drum table. 2 book-
cases. China mantel clock. Beer steins.
Fostoria punch bowl set. Prints. Picture
frames. Cook stove. Gun cabinet.
Wrought iron table w/marble top. 4 milk
cans. Feed bags. Books. Mirrors. Canning
jars. Coke & milk bottles. Chocolate set.
Toledo scale. Etc.

— TOOLS & GUNS —
12 ga. Remington double barrel shot-
gun. Winchester .22 bolt action w/4 power
Bushnell scope. Socket sets. Rockwell
double grinder. C clamps. Craftsman sander.
Sabre saw. Hand grindstone. Rotary
mower on wheels. Pipe wrenches. Vise.
All size drills. Sliding glass doors. Nuts.
Bolts. J. Deer push mower, self propelled.
Much more of mechanical tools. Other
items of interest.

TERMS- Cash or check w/proper I.D.
Auction day. Out of state checks will need
Bank Letter of Credit. **FOOD SERVED.**

AUCTIONEER'S NOTE- Tools & sml.
items to be sold first. Trucks—Furniture.
Parking on one side of streets only. For
information contact auctioneer.

Nelson C. Weindenbaugh, Auctioneer
2635 Swamp Pike
Pottstown, PA 19464
Phone 215-327-2475
Pa. Auctioneer's Lic. #AU-00986-L
Owner or Auctioneer Will Not Be
Responsible For Accidents
Clip & Save

"HORST AUCTION CENTER"

PUBLIC SALE ANTIQUES, HOUSEHOLD GOODS, TOYS, COLLECTIBLES & TOOLS SAT., JAN. 9, 1993

At 9:00 A.M.
Sale to be held at the Horst Auction
Center located at the corner of Rt. 322 &
Durlach Rd. (approx. 2 1/2 miles West of
Ephrata), Ephrata, Lancaster County,
PA.

FURNITURE
16 PC. WALNUT DINING ROOM
SUITE, Rishel Furniture Co., 6 Decorated
Chairs; Decorated Rocker; Jelly Cup-
board; OAK: Rd. Ext. Table, T-Back
Chairs, Lampstand, Dresser, Pressed
Back Rockers & Chairs; Brass Type Bed;
Windsor Style Chairs; Ice Cream Parlor
Chairs; Washstand; Bassett- Bedroom
Suite; Ebersole Chairs; Wood Wardrobe;
Platform Rocker; Cherry Coffee & End
Tables; Marble Top Tables; WICKER
BABY COACH; Brass Bird Cage; Ornate
Easel.

APPLIANCES
Floor Model Radio; GAS STUDENT'S
LAMP; Antique Hanging Light; Lamps;
Mantel Clock.

CHINA & GLASSWARE
Nippon Chocolate Set; Pickle Castor;
Bowls; Lefton; McCoy; New Stoneware;
Fostoria; Shirley Temple; Lg. China &
Glass Bell Collection; Hobnail; Pressed &
Pattern Glass; Kerosene Lights; Carnival
Glass; HUMMEL FIGURINES; (17 Figur-
ines); Liandro Figurines; Jim Beam Bottle;
Crocks & Jugs; Powder Horn; Flat Irons;
Tinware; COLLECTION OF CAST IRON
MECHANICAL BANKS, (Reproductions);
Still Banks.

TOYS
Buddy L; Van & Model T Truck; Cast
Iron Tractors & Fire Engine; Buffalo Toys
"Aero Speeders"; Sandy Andy; Jazzbo
Jim; Jenny The Baking Mule; Girard Air
Mail Plane; Lehman Car; Baby Wee Boat;
Steam Shovel; Erector Sets; Lunch Box;
Doll Houses; Covered Wagon; Tonka
Hook & Ladder; Shirley Temple Doll.

LINENS
Horse Blankets; Jewelry; Baskets;
Sheet Music.

TOOLS
Table Saw; Ext. Ladder; Pot Belly
Stove; Golf Clubs; .22 Rifle; B.B. Pistol;
Wooden Boxes.
No Out Of State Checks Unless Accom-
panied By A Current Bank Letter Or
Prior Arrangement With Auction
Service.

Sale For:
Katherine M. Carpenter,
Leroy Trupe & Others

HORST AUCTS., AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 858-1331 - (717) 738-3080
Fax 738-2132
"VOICES OF EXPERIENCE"

3 AUCTION SALES OFFICE FURNITURE, APPLIANCES, BEDDING, PLUMBING SUPPLIES, BLDG. MATERIALS, CABINETS, ORIENTAL RUGS, RESTAURANT EQUIPMENT, 9,000 WOOD INDOOR DRYING RACKS

400,000 SPORT COLLECTOR'S CARDS TUESDAY, JANUARY 5 - 10 AM ON PREMISES

1825 E. BOSTON AVE.,
PHILA. PA.
SALE FOR ACCOUNT OF UNDERWRITERS AND
OTHER ACCOUNTS COMPOSING IN PART:
400,000 COLLECTOR'S CARDS
COLLECTOR'S CARD AUCTION WILL BEGIN AT 11:00 A.M.
ON THE SECOND FLOOR

Note: Sale comprises two (2) inventories of over 400,000 Sports
Cards and other collector's items. Sales by order of a Secured Par-
ty and by Morton Batt., Trustee Bankruptcy Case No. 92-12859.
1959-1992 Baseball Cards by Topps, Floor, Commons, Score,
Donruss, Upper Deck, and Bowman, 1976-1992 Hockey Cards
by Topps, O-Pee-Chee, 1986-1991 Football Cards by Score,
Donruss & Pro Set. 1989-1992 Basketball Cards by Topps,
Upper Decks, Fleer & NBA Hoops, Desert Storm Cards, Suckers,
Posters, Complete Sets, Albums, Card Magazines, Royal CMS
125 Plus Cash Register, Etc.

OFFICE FURNITURE, APPLIANCES & BEDDING - 10 A.M. FIRST FLOOR

Trustee Sale in Bankruptcy Case No. 91-12111/JHW: John
W. Hargrave, Trustee Nec/Federal Express System 4 Fax
Machines, Power Supply, Sharp SF8800 Copier w/14 Station Sor-
ter, B&H Micro-Fiche Readers, Arm Chairs, Oak File Cabinets,
Card Files, Oak Blue-print Cabinet, Oak Tables, Oak Bookcases &
Storage Cabinets, Locker Units, Drafting Tables, Marker Boards,
Stack Chairs, 84" Uph. Sofas, Whirlpool, G.E. & Westinghouse
Dishwashers, Elec. Ranges, Whirlpool, Wall Oven, Norge, G.E. &
Malgic Chef Refrigd., 7 Pc. Dining Set, Glass Top Cocktail &
End Tables, Hanging Light Fixtures, Lamp Shades, Art Work &
Framed Pictures, Color TV's, Entertainment Centers, Pioneer &
Panasonic Receivers, Sanyo & Technics Turntables, Sharp & JVC
Cassette Players, Boxspring & Mattress Sets.

ORIENTAL RUGS, DRYING RACKS, RESTAURANT EQUIPMENT

150 Hand Made Oriental Rugs ranging in size from 2'x4' to
8'x10'. 764 Cms. (12) Wood Collapsible "Accordion Style" Pol-
ished Hardwood Indoor Drying Racks, 2 & 3 Burner Wood
Stoves, Garland & Burner Stove & Grill, Vulcan Oven, Pizza
Ovens, "Kold-Draft" Ice Machine, Auto Dishwasher, 55 Refridg,
Deli Case, Bakers Racks, SS Prep Counter, Torino Bread Sucks,
Mandarin Oranges In Orange Juice & Syrup.

PLUMBING SUPPLIES & BUILDING MATERIALS

Craftsman 10" Radial Arm Saw, Central Air Units, Condensers,
Gas Heater, Stove Pipe Insulated Copper Tubing, PVC Elbows,
Lavatory & Laundry Sinks, Toilet Tanks, Bowls & Seats, Tub
Modules, F.G. & Steel Tube, Shower Wall Kits, Vanity Tops &
Bases, Base & Wall Cabinets, Wall Panels, Vinyl & Ceramic Tile,
Insulated Steel Doors, Anderson Window Walls & Skylights,
Wood & Vinyl Replacement Windows, Toro Elec. Snow Shovel,
Clark Floor Vac., Utility Carts, Shrink Wrap, Manila Rope, Pack-
aged Hardware, Sash, Decorative, Tenso Chain, Vinyl Shutters,
Wall Panel Adhesive, Stain & Paint, Kwik-Set Locks, Lavatory
Faucets, Control Sealant, Siding & Access., 37" Aluminum Gutter
Roof Shingles, Room Dividers, Counter Tops, Fluorescent Light
Fixtures, Crate Jacks, Ceramic Molds.

INSPECTION: MONDAY, JANUARY 4 - 9 A.M. - 4 P.M.
TERMS: CASH OR CERTIFIED CHECK - 25% DEPOSIT
REQUIRED (MINIMUM \$100.00)

R & S PRINTERS, INC.
TUESDAY, JANUARY 12
-10 A.M.

924 MARCON BLVD., NORTHAMPTON,
(ALLENTOWN) PA
MEAT PACKING FACILITY
FORMERLY E.W. MARTIN CO.

WEDNESDAY, JANUARY 13
10 A.M.
1625 OLD PHILADELPHIA PIKE,
LANCASTER, PA

PA AUCTIONEER'S LICENSE NO. NY000087-L

ESTABLISHED IN 1824
COMLY Auctioneers
WM F COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500 • FAX (215) 634-0496

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

FRI JAN. 15 - 9AM, Farm Equipment & Supplies. Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557 Alan Diffenbach, Auct.

SAT JAN. 16 - 9AM Antiques, household goods. Loc: Take Rt 472 So of Quarryville, Pa 4 1/2 Mile, on the right Or from Oxford take Rt 472 North 8 1/2 mile Terms by Elma Pearl Bard, estate Kreider, Kline & Good Aucts

SAT JAN 16 - 9AM, Farm Machinery, Household Goods, Some Antiques Located In Huntingdon Co., 1 Mile East Of Alexandria, Pa., Along Route 305 Owner, Sam Rishel Glick & Gibboney, Aucts

SAT. JAN 16 - 11:30AM, Public Auction Of Mules, Horses And Ponies, Approx 60 Head Located Between New Holland And Leola Turn Off Route 23 On South Groffdale Road, 1 Mile To Sale, On The Roy Stoltzfus Jr Farm, Lanc Co, Pa Terms By Stephen G Lantz Robert & Jeffrey Martin Aucts

TUES. JAN. 19 - 1PM, Valuable Real Estate Consisting Of 68 Acre Farm With Adjoining 41 Acre Tract Of Land Located At 402 Fieldcrest Drive, RD#1, Willow Street, West Lampeter Twp, Lanc Co, Pa. Dir From Lanc Take Rt 222 South Approx 5 Miles, Turn Right On Fieldcrest Drive Second Farm On Left. Sale For, Parke & Mary Breckbill Tract #2

(Same Time & Location). Sale For, P. William & Susan Breckbill. Miller & Siegrist, Aucts

FRI & SAT. JAN. 22 & 23 - 9AM 137 Acre farm, antiques, household goods. Loc: From Lancaster, Pa take Rt 22 So, app 12 1/2 mile Or from Quarryville, 1/2 mile North on Rt 222 Terms by, Frances K Shenk, Estate Kreider, Kline & Good Aucts

FRI JAN 22 - 9AM Farm Machinery, mules & 40 head heifers. Quarry Rd, Paradise Owners John S & Susie Fisher Auct Steve & Steve Jr. Petersheim 215-593-2828

FRI. JAN. 22 & SAT JAN 23 - 9AM Both Days, Real Estate 1 PM- Jan 23 2 Day Public Auction Of Valuable 137 Acre M/L Farm, Antiques, Household Goods Located From Lancaster, Pa Take Rt 222 So App 12 1/2 Miles To Property On Right Or From Quarryville, 1/2 Mile North Along Rt. 222 Terms By, Frances K Shenk, Estate Kreider, Kline & Good Aucts

FRI JAN 22 - 10AM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa

FRI JAN 22 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511

SAT. JAN. 23, Antiques, Household Goods, & Tools Located At The Brickerville Fire Hall For Samuel M & Judith E. Horst. Paul E. & Aaron E. Martin, Aucts.

SAT. JAN. 23 - 9:30AM, Public Auction Of Mules, Farm Machinery, Hay, Corn And Some Household Goods. Located Along No Hollander Rd, 1 1/2 Miles So Of New Holland, 3 1/2 Miles So. Of Rt 23. Sale For Melvin K. Lapp Paul & Michael Snyder, Aucts

SAT. JAN 23 - 10AM, Farm Equipment, Horse Buggy, Cart, Camper Trl. Located (North Of Allentown), Exit Off Rt 78, Onto Rt 145 (7th St.) Go N A Total Of 6 Miles, Turn Left Onto Clearview Rd, Go .6 Mile, Turn L Onto Robin St, Go .4 Mile To Farm, Lehigh County, Pa Ordered By, John & Sharon Laub Conducted By, Ralph W. Zettlemoyer Auction Co, Inc

MON JAN. 25 - 3PM, Antique Furniture, Fine Glassware & Collectibles Located Brickerville Fire Hall Beard Estate From Cornwall Etal E M Murry Associates, Aucts

TUES JAN 26 - 9AM, Quilt, Craft & Buggies Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa 17557. Alan Diffenbach, Auct.

TUES. JAN. 26 - 9AM Full line of farm machinery, 4 lead mules, 30 head of heifers from Ebersole herd - 1 mile N of Bird in Hand, John & Sadie Ebersole Steve & Steve Jr. Petersheim 215-593-2828

TUES JAN. 26 - 9AM, White Oak Carriage Shop Located From Lancaster, Pa. Take Rt 222 So App 10 Mi Turn Left On White

Oak Rd Go 2 Mi. Turn Left On Eisenberger Rd Or From Strasburg Take May Post Office Rd. So App. 4 Mi. Turn West On White Oak Rd. Terms By, Rachel B. (Mrs. Amos L.) Stoltzfus. Kreider, Kline & Good, Aucts

TUES. JAN. 26 - 10AM White Oak Carriage shop From Lanc., Pa. Take Rt 222 S. app 10 1/2 miles, turn left on White Oak Rd. (At 222 Service Station) go 2 miles turn left onto Eisenberger Rd. Or from Strasburg take May Post Office Rd app. 4 miles turn West onto White Oak Rd. 1 mile. By Mrs Amos L Stoltzfus Aucts Kreider, Kline & Good.

WED JAN 27 - 9AM, Quilt & Craft Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa 17557 Alan

Diffenbach, Auct.

THUR. JAN 28 - 9AM Farm machinery, mules, bred gilts, sows, 3 mile N. of White Horse. Ike & Fanny Beiler. Steve & Steve Jr. Petersheim 215-593-2828.

FRI. JAN. 29 - 10AM, 43 Holsteins, Horses & Farm Machinery Located In Centre Co, Turn South Off Route 192 Between Madisonburg & Rebersburg, Pa, Onto Route 445 (Milheim Road) 1st Farm On Left. Samuel & Martha Kanagy. Mark Glick, Auct.

SAT. JAN. 30 - 8:30AM, Antiques, Org. Farmall Pedal Tractor, Marbles, Lewisberry Coffee Mill, Toys, Indian Motorcycle Books & Wrenches, Fishing, Hunting, Motorboat, Dogs & Automobile Lic's, Books, Manuals, Tools, Adv Pcs, Emblems, Old

Fountain Pens, Tobacco Tins, Watch Fobs, Lionel Train Set, Lanterns, Steam Whistle, Oyster Cans, Watch Fobs. Located At The Lisburn Comm. Fire Co., 1800 Main St., Lisburn, Pa. If Traveling On

I-83 N Or S, Use Exit #18, Take Rt. 114 W For 5 Miles Or Traveling On Rt. 15 Use Bowmansdale Exit, Take Rt. 114 E For 6 Miles To Fire House. Signs Posted. Owner, Al Winsky Little Ike Eichelberger, Auct.

RESTAURANT LIQUIDATION AUCTION

SUN. JANUARY 3, 1993
AT 1:00 P.M.

Homeplate Restaurant,
111 North Second St., Hbg., Pa.
RESTAURANT EQUIPMENT

Peerless Double Stack Gas Pizza Oven, Gas Fryer, Gas Grill/Stove Combo, Migoli 30" Bain Marie, Starmaster Counter Top Warmer, Eagle Counter Top Warmer, Counter Top Display Cooler, Galvanized Exhaust Hood System, Amana Microwave, S/S Rack On Wheels, S/S Chafing Dishes, 38 Chairs, 14 Pedestal Tables, Childs Chair, Bar Stools, Silverware, China, Glassware, Small Chest Freezer, Scales, Slicer, NCR Cash Register, Decorations & More!!

SPECIAL ITEM

Antique Oak 6 Door Refrigerator w/Glass Display Doors In Working Condition!!
NOTE: Owner Retiring Due To Health, Short Sale Don't Be Late! Inspection Day Of Auction Only 11:00 A.M. No Out Of State Checks.

OWNER,
CHARLOTTE BOOKS

Kerry A. Pae CAI, AU 1367
Jeffrey L. Knosp, CAI, AU 1017L



KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

Due To Weather Conditions

THE 12 HEAD
REGISTERED LLAMAS

Scheduled To Be Sold Dec. 28
WILL BE SOLD

MONDAY, JANUARY 4

12:00 Noon

At

**New Holland Sales Stables
Horse Sale**

6 Females 6 Males

Consigned By Hammer Creek Exotics

BRUNNerville AREA PROPERTY
At

PUBLIC AUCTION

REAL ESTATE

SATURDAY, JANUARY 30, 1993

AUCTION TIME - 1:00 P.M.

LOCATED AT 1213 BRUNNerville ROAD, From Lancaster, Route 501 North through Lititz. At North end of Lititz turn East onto Newport Road, 1 mile to Brunnerville Road. Turn left to property on right. Warwick Township, Lancaster County, PA.



HOLLAND STONE RANCHER

Includes large kitchen with built-in cabinets & breakfast area; formal dining room w/2 built-in china closets; living room w/fireplace; laundry & utility room; 1 1/2 baths; 2 bedrooms; full basement. Attached 2 car garage w/electric door opener.

- * Public Sewer
- * Storm windows
- * Cedar closet
- * Well water
- * Macadam drive
- * Wall air conditioner
- * Drapes & Curtains will remain w/property
- * Oil fired hot water baseboard heat

OPEN HOUSE: Saturday, January 2, 1993,
12:00 noon - 3:00 P.M.
Saturday, January 9, 1993,
12:00 noon - 3:00 P.M.

or by appointment. For private showing or assistance to obtain financing, call Auct. Paul E. Martin at 717-733-3511.

TERMS: 10% down day of auction, balance at final settlement on or before March 15, 1993.

NOTE: This is a very good starter or retirement home. Do not miss seeing this fine property.

Auction By:
SAMUEL M. & JUDITH E. HORST

George J. Morgan, Attorney

PAUL E. MARTIN AUCTION SERVICE
Professional AUCTIONEERING

Paul E. Martin Aaron E. Martin
717-733-3511 717-738-4168

Ephrata, PA

PUBLIC SALE

OF FARM MACHINERY
AND 1, 2, 3 CUTTING OF ALFALFA HAY
SATURDAY, FEB. 6, 1993
9:30 A.M.

Location: 1/2 ml. East of New Texas off Route 222, 20 miles South of Lancaster on Route 222, 10 ml. west of Oxford, 323 Black Barron Road.

5 Tractors & 1 Skid Steer

AC 6070 diesel low hours; AC 185 diesel w/500 loader; AC 170 gas tractor; ACWD 45 gas; ACWD 45 gas (needs help); 604 Bobcat skid steer-loader, new seals in wheels; Bou-Matic computer feeder; HW 295 bu. manure spreader (tandem) 219 New Idea manure spreader; AC 3 pt. 4 bottom plow 16 in. trip bottoms; AC 3 pt. 3 bottom plow 16 in. trip bottoms; AC 12 ft. disc harrow transport; JD 12 ft. disc transport; 12 ft. Brillion cultipacker; 10 ft. cultimulcher; Ontario 15 disc grain drill w/fert. & small seed boxes; 400 Int. no-till cornplanter w/fert. & insect.; AC 4 row cornplanter; 604D Vermeer round baler, new belts; 3 pt. bale carrier; JD 24T baler w/thrower; 9 ft. Heston disc bine mower; 2 sec. spring tooth harrow; 2 high side hay wagons; 46 Int. hay rake & fluffer, hyd. drive; 3 elevators all transport; Case forage wagon; New Idea 7 ft. cycle bar 3 pt. mower (1 yr.).

80 Round Bales 1, 2, 3 Alfalfa Cuttings (Nice) App. 1,000 Lb. Average

New Holland #26 whirl table blower; Sno-Co hay elevator; single chain 32 ft.; 2 round hay feeders; 20 ft. hay feeders; A.C. 1 row forage harvester; Rauga feeder 12.5 hp. lawn mower hydro-static drive; 125 Honda 3 wheeler battery start; 3 pt. post hole digger; cement mixer w/elec. motor (good); MC 6 ft. rotary mower; John Deere flail chopper; Dodge truck w/hoist (needs work); Kato 15 KW generator; 40 ft. aluminum extension ladder; 10 in. table saw; 2 Homelite chain saws.

16 in. Echo chain saw; 2 hp. air compressor; Lincoln elec. welder 225 amp.; acetylene torch; 60-100 battery charger almost new; 5 Bulldozer elec. fencers; plastic fence stakes; antiques; grain cradle; grain cleaner; copper apple butter kettle; milk cans; old wrenches.

New silo covers 32-100, 24-100; platform scales; 300 gal. gas tank & pump; 300 gal. diesel tank & pump; digital volt elec. meter.

Forks, shovels, scrapers, rakes, digging irons; post hole diggers, wrenches, socket sets, lots of bolts; heavy work bench with vise, shelves, bolt bin, grease guns, oil cans, oil. Many, many other articles.

Terms By
GENE & BETTY KILBY
Phone 548-2485

J. Everett Kreider AU000512L
Stanley Bucher Auctioneers
Martin Heaps

Lunch By Robert Fulton Fire Co.

SATURDAY AUCTION

ANTIQUES, FURNITURE,
COLLECTIBLES, ETC.

FROM THE HOME OF MRS. ADELLA GILBERT OF RED LION, PA., FROM A HOME IN FRONT ROYAL, VA., FROM A HOME IN CECILTON, MD., AND MORE. HALL WILL BE FULL - AS USUAL!

SATURDAY, JANUARY 9, 1993
8:30 A.M.

To be held within Chanceford Community Hall, Brogue, York County, PA. Rt. 74 southeast from Red Lion approx. 8 mi. to Brogue Post Office. Turn right and go 1/4 mi. to hall on left.

Very nice mahog. spinet piano w/bench - excellent cond; Meditt. DR suite w/ breakfront; French Prov. BR suite; dark oak colonial BR suite - like new; nice blonde oak 1960s DR suite; mahog. water-fall cedar chest; Zenith 25" TV; ornate wrought iron sofa bed w/brass trim; sofa & chairs; sm. slant-front desk; cedar chest; lamp & coffee tables; Electrolux vacuum w/rug shampoo; Seth Thomas elec. mantel clock; sofa & chair; mirrors; lamps; a lg. quantity of fine lead crystal pcs; 25+ beer steins & mugs from Germany; excell. set of Noritake china for 8; linens; needlework; bed linens for twin, double & queen beds; comic character tumblers from 1973; 60+ Barbie dolls; 9 National beer glasses; 25 collector plates in orig. boxes; etc; etc.

TERMS: CASH TO STRANGERS; Checks w/acceptable I.D.

FAWN GROVE, PA. 17003 RED LION, PA. 17086
PA. 302-43770 SEGRETT Auctioneers 741-4489

Lic. Nos. 820 & 821

KURT CONTRES, APPRENTICE AUCTIONEER
Lic. No. AA-0002005-L

HOMEMADE SOUPS & PIES;
SMOKED HOTDOGS, ETC.
BY CHANCEFORD VOLUNTEERS

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

PUBLIC AUCTION

OF 3 CARS, MICHIGAN LOADER,
PAVER, ROTARY MOWER, SNOW
PLOW & SURPLUS ITEMS
ON SAT., JAN. 9, 1993

Located at Robeson Twp. Municipal
Bldg., along Rt. 724, near Gibraltar. 3
mi. E of I-176 (Reading) or 2 1/2 mi. W of
Birdsboro (Rt. 82) Berks Co.

1987 & 1989 Chev. Caprice & 1981 Ply-
mouth Grand Fury (former police cars), all
run, not inspected, some need work;
Chev. car cage; Michigan #75 Ill gas rub-
ber tire loader w/14x24 tires & cab; Layton
8'-12' tow behind paver; JD 606 6' 3 PT
ROTARY MOWER, LIKE NEW: Shaver
hyd. post driver; tandem axle 16'x6 1/2' trail-
er; grader 11' V & Wausau angle snow
plows; Valk 11' & other truck snow plows;
2 alum 57"x20" 7 compartment tool boxes;
Temple stone chip spreader; truck spread-
er; AC-112 lawn tractor; (2) 35 gal. drums
of Power Glide; 87 GMC tailgate & step
bumper; loader; grader & truck chains and
many more items.

NOTE: BE ON TIME — APPROXI-
MATELY 1 HOUR AUCTION.

SALE ORDERED BY:

ROBESON TOWNSHIP BOARD
OF SUPERVISORS

Sale At 10:00 A.M.

TERMS: CASH OR PENNA CHECKS.

Frey Auctioneers, AU-000302-L,
215-689-5269

FREY AUCTIONEERS

SAT. JAN. 30, Real Estate-
Holland Stone Rancher.
Located At 1213 Brunner-
ville Rd For Samuel M. &
Judith E. Horst. Paul E.
And Aaron E. Martin, Auct.

SAT. JAN. 30, Public Auc-
tion Of New & Used Farm &
Construction Machinery.
Located At Newark Valley,
N.Y. Sale By Goodrich
Auction Service, Inc

SAT. JAN. 30 - 9AM, Anti-
ques, House Goods. From
Lancaster Take Rt. 272 So,
App. 15 Mi. To Property On
Left. Or From Maryland
Line Go North On Rt. 272
App 10 Miles. Terms By,
Fred J. & Grace Kreider.
Kreider, Kline & Good,
Aucts

SAT JAN 30 - 9 30AM, 6th
Annual Toys & Baseball
Cards Auction Located
Brickerville Fire Hall E.M
Murry Associates, Aucts

SAT. JAN. 30 - 10AM 1809

stone house, barn, build-
ings, on about 4 1/2 acres
plus farm equipment,
household goods, anti-
ques. South 1 1/2 mile of
Atglen on old Route 41
(Gap - Newport Pike)
Chester co. Sale by G&K
Brendle.

SAT. JAN 30 - 10AM, His-
toric Ring's Tavern, Spring
Grove Farm- Real Estate,
Farm Equipment, Tools,
Antiques, Household
Goods. Located Along
Gap-Newport Pike (Old Rt
41), .6 Mile South Of Atg-
len, West-Fallowfield Town-
ship, Chester Co., Pa.
Terms By, Glenn M
Brendle & Karen T
Brendle Horst Aucts

SAT JAN 30 - 12 Noon 46
Acre York Co Farm
Located along Bon Air Rd
off Rt. 851, Glen Rock, PA
in Codorus Township, York
Co., Pa. Mr. and Mrs Philip
Andre, Sellers C. Martin
Heaps, aucts.

FEBRUARY
MON. FEB. 1 - 6:30PM,



Public Auction

Of Antiques, Household Goods,
Furniture, Tools

Saturday, January 9, 1993

9 A.M.

Al Starr Firemans Building
Rt. 272 North Behind Willow Street Firehall
Willow Street, Pa.

Sale For:

Ruth Parker
Esther Moore

Miller & Slegrist
Auctioneers

717-687-6857- AU-1723-L

HORST AUCTION CENTER
PUBLIC SALE
ANTIQUES, HOUSEHOLD GOODS,
COLLECTIBLES & TOOLS
WED., JANUARY 6, 1993
AT 3 P.M.

Sale to be held at the Horst Auction
Center, located at the corner of Rt. 322
& Durlach Rd. (approx. 2 1/2 miles west
of Ephrata), Ephrata, Lancaster Coun-
ty, PA.

FURNITURE

Blanket Chest w/Drawer; Depression
China Closet; Depression Living Room
Suite; Player Pianos (Good Condition);
Piano Rolls; Cherry Dining Room Suite;
Maple Bedroom Suite; Dinette Set; Desk;
Chest of Drawers; Bookcase; Living Room
Suites; La-Z-Boy; Swivel Rockers; Arm
Rockers.

APPLIANCES: Refrigerator (like new);
Gas Stove; Auto Washer & Dryer; Micro-
wave; Air Conditioners; Color TV; Compu-
ter; Iron Skillets; Mantel Clock.

CHINA & GLASSWARE

Spatter Pea Fowl Plates; Spatter Mush
Cup Ironstone Pitcher & Bowl Set; Buffalo
Pottery; Feather Bowls; German & Bava-
rian Transfer China; Bennington Bowl;
Ironstone; Appleware; Austrian & Czech
Moose Creamers; Halls Dishes; Art Pot-
tery; Chocolate Pots; Bone China; Hum-
mel & Rockwell Plates; Carnival Glass;
Depression Glass; Glass Baskets; Ame-
thyst Glass; Pressed & Pattern Glass;
Calendar & Store Plates; Slipware Pie
Plates; Crocks & Jugs; Stoneware Yellow-
ware Salt Glazed Pitcher.

LINENS: Quilt Patches; Antique
Baskets; Candlemolds; Butcher Utensils;
Brass Buckets; Wooden Band Boxes;
Books; Indian Artifacts; Arrow Points; Felix
the Cat; Old Noddies.

TOOLS: Bench Grinder; Drill; Sander;
Wheelbarrow; Tools.

No out of state checks unless
accompanied by a current bank letter
or prior arrangement with auction
service.

HORST AUCTIONS, AU439L
T. Glenn
Timothy G.
Thomas A.
(717) 869-1331 - (717) 736-3000
Fax 736-2132
"VOICES OF EXPERIENCE"

Wholesale Furniture.
Located At A&C Dittenbach
Auction Inc., 100 West
Jackson St., New Holland,
Pa. 17557. Alan Ditten-
bach, Auct.

TUE. FEB. 2 - 9AM Lives-
tock and Farm Equipment.
Ten miles east of Lancas-
ter, 2 miles west of Gap, 1/2
mile So. of Route 30 at 262
Brackbill Road, Lanc Co.
Pa. David S. Lapp. Ditten-
bachs, Aucts.

WED. FEB 3 - 6:30PM,
Consignment Auction Of
Winross, Ertl, Hess Trucks,
Misc. Nascar Items, And
Misc. Toys. Located At A &
C Dittenbach Auction Inc.,
100 W. Jackson St., New
Holland, Pa. 17557. Alan
Dittenbach Auct.

FRI. FEB. 5 - 10AM, Horse
Sale. Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa.

SAT. FEB. 6, Farm Equip-
ment & Household Goods
Located 151 Hergelrode
Dr., Myerstown, Pa. For
Willis N. & Esther B Good
Paul E. & Aaron E. Martin,
Aucts.

SAT. FEB. 6, Farm Equip-
ment & Household Goods.
Located Rt. 322, 4 Miles
East Of Blue Ball, Pa.
Lanc. Co. Owner, Martin
Zeiset, Jr. Nevin Z. Martin
& Sons, Auct.

SAT. FEB. 6 - 9AM, Valu-
able Real Estate, Antiques,
Personal Property. Located

Lancaster Farming, Saturday, January 2, 1993-B21

At 3201 Eastern Blvd., In
Springettsbury Twp., York,
Pa. Esther Sentz, Richard
Axe, Executors. Jacob A. &
Brian L. Gilbert, Aucts.

SAT. FEB. 6 - 9:30AM,
Farm Machinery & 1, 2, 3
Cutting Of Alfalfa Hay.
Located 1/2 Mi. East Of
New Texas Off Route 222,
20 Miles South Of Lancas-
ter On Route 222, 10 Mi
West Of Oxford, 323 Black
Barron Road. Terms By,
Gene & Betty Kilby. J.
Everett Kreider, Stanley
Bucher & Martin Heaps,
Aucts

SAT. FEB. 6 - 10AM, Pri-
vate Collection Of Coins
Located Brickerville Fire
Hall. E.M. Murry Associ-
ates, Aucts.

SAT. FEB. 6 - 11AM, 14
Acres, 4BR House, Shop &
Barn. Located 1730 Fur-
nace Hill Rd, Clay Town-
ship. Owner, Edward Red-
cay. Kline, Kreider & Good
Aucts.

SAT. FEB. 6 - 11AM 75
Head of Big, young mules.
Located 1/2 mile Northeast
of Route 340 at 2008
Horseshoe Road Lanc
Co Pa Paul S. Smucker
Dittenbachs Aucts.

SAT. FEB. 6 - 11AM Bath,
New York Area, (Between
Wheeler and Kanona) Earl
Ownes Complete Crop
Farm Machinery Auction
Pirring Auctioneers, Inc

716-728-2520.

SAT. FEB. 6 - 11AM Draft
mule auction. 3 miles East
of Lancaster, just 1/2 mile
north of Rt. 340 at 2008
Horseshoe Rd., Lancaster
Silo Co. Lanc. Pa. 17601.
By Paul S. Smucker. Dif-
fenbach, auct

SAT. FEB. 6 - 11AM, Farm
Equipment, Crops, Tools,
Household Goods Located
From Blue Ball Take Rt
322 East, Approx. 4 Miles
To Sale On Left. From Hon-
ey Brook Take Rt. 322
West, Approx. 2 Miles To
Sale On Right, Caernarvon
Twp., Lancaster Co., Pa
Sale For, Martin Jr and
Erma Zeiset Nevin Z Mar-
tin & Sons, Aucts.

SAT. FEB. 6 - 1PM Real
estate, 3 BR ranch style
house. Terms by Bertha W
Huber Estate. Auctioneers
Roy Good, Randy Kline,
Lloyd Kreider.

SAT. FEB. 6 - 2PM, 3 1/2
Acres, Real Estate w/2
Story Dwelling, Workshop
(30'x70') & Barn (38'x40')
Located At 610 N Far-
mersville Rd., Ephrata
Township, Lancaster Co.,
Pa Directions: Rt 322 (E
Main St) On East Side Of
Ephrata, Turn South Onto
Bethany Rd., Bear Left
Onto Farmersville Rd To
Property On Left Terms
By, Elam N. Zimmerman &
Laura B. Zimmerman
Horst Aucts.

TWO DAY - ABSOLUTE PUBLIC AUCTION FOR ICI AMERICAS, INC.

Wednesday, January 6, 1993, 10:30 A.M.

And Thursday, January 7, 1993, 5:00 P.M.

Sale of surplus-scientific, industrial and office equipment to be held
at River Edge Industrial Park, #42 Luken Drive, Wilmington, Dela-
ware. From 195 South take 295 South; just before the Delaware
Memorial Bridge, take Exit Rt. 9. Crossover New Castle Avenue on
Cherry Lane to River Edge Industrial Park - watch for Auction and
open house preview signs.

January 6th - 10:30 a.m.

To include as new Ost 20 H.P. Quincy air compressor - 400 volt with heat-
less dryer - used only two hours, Colton & Boekel drying ovens, Univer-
sal tablet splitter, 2 Sitco ice tainers, 4 Toledo balance scales, Trane climate
changer, 2 Copelame compressors, 3 - 32" Waddell exhaust fans, 50 H.P.
and explosion proof motors, Hobart steam generator, Shirley-Platta print-
ing press, Aerovent exhaust fan, as new Masterbilt stainless refrigerator
display case, air shower power box, as new Kalt lab door, Vulcan com-
mercial mixer and pots, 3 soapstone balance tables, Kodak reader and
printer, 20 Hoeltge veterinarian stainless steel dog cages, 80 - 48 unit, var-
ious stainless steel cages, Amsco sterilizer, Packard oxidizer, fraction col-
lector, Collbourn cages - with feeders, quantity of chain link fencing,
stainless steel coating pan by Lakso, stainless steel gravity feed bin and
tier carts, 2 Blue-M incinerators, 6 lab carts, 2 Labconco fume absorbers,
2 light chambers by Forma, Hanover ultra violet curing system, as new
Hamilton examining table, Super Q water system by Millipore Corp., new
Torit model 84 dust collector, Dayton model 3N178E blower, 2 Bristol
compressors, Boxco electric data logger D1-24, 18 new lab vents, Blatt
blower with 55 h.p. motor, 3 safes, pellet dispenser, Marway digital micro
PDP 11/73, digital Dec Writer III, 2 stainless lab sinks, many lab items.

January 7th - 5 p.m.

Sofas, lounge chairs, executive desk chairs, guest chairs, end and cocktail
tables, lamps, executive storage cabinets with built-in easels, drafting
table and stools, 36x19x84" Wrightline media storage cabinet with adjust-
able shelves, over fifty (50) IBM Selectric typewriters kept under mainte-
nance, chrome planters, 200 Melanine in/out letter trays, six (6) salmon
leather bankers chairs with nail trim - Kittinger; Herman Miller laboratory
furniture components; storage cabinets and drawers - Walnut, receptionist
horseshoe shape desk - 8Wx6D; two (2) flat files or blue print file
cabinets, fourteen (14) teak and oak credenzas, 20'x5'W conference
table top with five (5) drum bases, many printing tables, five (5) portable
computer cabinets, many computer stands and tables, six (6) desk units
with overhead storage 60x30, six (6) desk units with overhead storage
60x24, ten (10) 2 drawer verticals, four (4) 2 drawer laterals, one (1) five
drawer lateral, steelcase computer chairs, conference tables - various
sizes, fourteen (14) oak bookcases, two (2) portable conference tables -
10'x4', one (1) 20'x3' board room table - light oak.

Terms cash or certified funds, company check only accepted
with personal bank letter prior to auction.

Preview

Monday, January 4, 1993 - 10:00 a.m. to 3 p.m.

Tuesday, January 5, 1993 - 10 a.m. to 7 p.m.

For information call:

St. George's Bridge Auction Company
George Wilson, Jr. Auctioneer #AU125

Box 535

Chester Heights, PA 19017

1-302-834-0395

1-215-593-7290

ABSOLUTE AUCTION RESTAURANT AND MARKET FIXTURES

MONDAY, JAN. 4
5 PM

Colonial Park Markets • Rt. 22 • Har-
risburg, PA. Directions - From I-83 take
Colonial Park exit - Rt. 22 East - next to
Hills across from Pathmart.

Restaurant Equipment

Mantiwoc & Scottsman ice machines,
Kelvinator 2 Door Freezer, (2) Hobart Potato
Peelers, 16' and 20' refrig. and hot food bars, 3
bowl sink, many tables, booths and chairs, SS
updraft, bag in box soda system, ice vendor
Hobart chopper w/grinder, popcorn mach,
steam table, electric and gas fryers, small
stainless steel, china, glass items, (2) walk-in
coolers - 8'x10'. Many late consignments of
first quality Restaurant equipment have
arrived there is truly something for everyone
in this most interesting auction.

Store Fixtures

(40) 7' high x 48" Lozier type shelving (20)
10' high x 48" double retail shelving, great for
grocery or retail, many produce counters, deli
cases, bakery cases, shopping carts, 20' glass
display case, frozen food cabinets, decor-
flags, signs related to market, many racks,
soda vendor.

Special Interest

Trans-A-Dock hydraulic dock leveler -
(platform rises to truck level and returns to
floor level), Handy Herman 115V electric
high reach 24', pallet jacks, carts, steel 2"x4",
parking lot lights, (12) fiberglass sinks, con-
struction materials, new lawn furniture and
picnic outfits.

Terms: Cash or good PA check. Checks
out of central PA must be pre-approved.
First quality consignments are welcome and
will be offered at this sale.

Contact Auctioneer for

pictured brochure

Mark Baranowski, Auctioneer 2570

(717) 657-2317



Public Auction RegisterClosing Date Monday 5:00 P.M.
of each week's publication

TUE FEB 9, Farm Equipment. Located Ext 21 PA Turnpike, Rt 272 North To Rt 897, Turn Right On 897 South Go Approx. 2 Miles To Farm On Left Right Before Turnpike Bridge, Brecknock Township, Lancaster County. Terms, Noah M and Erma H Weaver Roy Good, Randy Kline, & Lloyd Kreider, Aucts

TUE. FEB 9 - 9AM Livestock and Farm equipment, just South of Strasburg Proper, at 235 So Jackson Street, Lanc Co, Pa Eli Ebersole Diffenbachs Aucts

TUE, FEB 9 - 9AM, 82 Acre Farm & Farm Equipment Located Take Rte 322 (Lebanon Co) Between Campbelltown & Fontana At Lebanon Valley Bible Church Take Mt Pleasant Rd To Sale Site Terms By, Adam M Brandt Estate Raymond Miller & Jim Hershey, Aucts

FRI FEB 12 - 9AM, Farm Equipment & Supplies Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa 17557 Alan Diffenbach, Auct

FRI FEB 12 - 9:30AM, 6 Big Sorrel Horses, Dairy

Items & A Good Line Machinery Located 2 Miles South Of Allensville, Pa., Along Route 655 Owners, Mr & Mrs Jesse Detwiler, RD, Millcreek, Pa. Mark Glick, Auct

FRI FEB 12 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511.

SAT. FEB. 13 - 9AM, Horses, Mules, Heifers, Full Line Of Farm Equipment & Tools. Located 12 Miles South Of Nine Points, 9 Miles North Of Oxford, At 313A Bell Road, Lanc Co, Pa Owner, Jacob Kauffman Abe Diffenbach, Auct

TUE FEB 16 - 9AM Livestock and Farm Equipment 4 miles SE of New Holland, 2 miles North of Rt 340, just East of Route 897 at 5393 Seldomridge Road, Lanc Co, Pa Levi S Stoltzfus, Jr Diffenbachs Aucts

FRI FEB 19 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc., New Holland, Pa

SAT FEB 20, Farm Equipment, Household Goods, And Antiques From Blue Ball Take 322 W 1 Mile To White Oak Road Turn Right

Come To Y Bare Right Onto West Quarry Road To 2nd Farm On Right Terms By, Titus W. and Anna W Zimmerman Roy Good, Randy Kline, Lloyd Kreider, Aucts

SAT FEB 20, Farm Equipment, Tools, H H Goods Located R D #6, Lebanon, Pa For Homer B and Shirley J Boll Paul E And Aaron E Martin, Aucts

SAT FEB 20 - 9AM Livestock and farm equipment, Located 1 mile Northeast of Route 896 from Nine Points, along Vintage Road, Lanc. Co, Pa Jacob K. Miller, Diffenbach, aucts.

SAT. FEB. 20 - 9AM, Full Line Of Farm Equipment, Located Mid-Way Between Intercourse And Gap. Turn Off Rt. 772 Close To Pequea High School Turn East On New Holland Road To Y 1/4 Mile On Hershey Road, 1st Farm Right Terms By, Glenn & Velma Hershey, Robert E & Jeffrey R Martin Randal Ranck Apprentice

SAT FEB 20 - 10:30AM, Complete Dispersal Of Hay And Grain Farm Machinery. Located Trenton, New Jersey Owners, Mr & Mrs William D Facey Pirrung Aucts, Inc

TUES FEB 23 - 9AM, Farm Machinery, Belgium Horses From Strasburg Rt 896 So 4 Miles, Turn Right On Weaver Rd To Winter Hill Rd. 1st Farm Right Or Off Rt 222 Hessdale Turn East On Bunker Hill Rd, Right On Sandstone Rd Left On Stively Rd Left On

Winter Hill Rd Terms By, Christian K. Miller Kreider, Kline & Good, Aucts

TUE. FEB 23 - 9AM Livestock and Farm Equipment 1/4 mile South of Route 30 along Route 896 at 46 Hatman Bridge Road Lanc Co. Pa Jonas L Beiler Diffenbachs Aucts

TUES FEB 23 - 9AM Late model tractors and farm machinery, Ed Horning & Sons, along Meadow Valley Road, 1 1/2 mile West of Ephrata, PA, Lancaster County Rentzel, Goodrich & Brown, aucts.

TUE. FEB. 23 - 9:30AM, 50 Head Holsteins And Modern Farm Machinery Located In Mifflin Co., 1 Mile South Of Reedsville, Pa., Along Route 655 Owners, Mr & Mrs Kore N Kauffman, RD, Reedsville, Pa Mark Glick, Auct

WED FEB 24 - 9:30AM Full line horse dawn farm machinery, draft horses, 2 miles North of White Horse Jacob & Ruth King Steve & Steve Jr Petersheim 215-593-2828

THUR, FEB 25 & FRI FEB 26 - 8:30AM, 2 Day Public Auction Both Days Will Be At 8:30 AM Antiques, Tractors, Engines And New Used And Abused Farm Equipment Located 2 1/2 Miles West Of New Holland, Turn Off Route 23 On South Grofdale Road Turn Left On Musser School Road, Lancaster County, Pa Terms By Elias S. Beiler, 601 Musser School Road Must Have Listing Of What You Want To Sell By January 12, 1993 Robert E And Jeffrey R Martin, Blaine And Nevin Rentzel, Bob And Dennis Wolgemuth, Randal Ranck, Ed Goodrich Jr, Aucts

THUR FEB 25, Dairy Cattle and Machinery Dispersal Located 85 Bernheisel Bridge Rd, Carlisle, Pa. Owners, Fred Potteiger & Sons Kling's Auctions,

Inc, Sales Mgrs.

FRI FEB. 26 - 9:30AM, 5 Head Work Horses, Horse Drawn Farm Machinery & Some Furniture Located In Mifflin Co., 4 Miles North Of Reedsville, Pa., On Honey Creek Road, Turn Right In Lane Owner David S Zook, RD, Reedsville, Pa Mark Glick, Auct

FRI FEB 26 - 10:30AM, Mayerdale Farms Complete Dispersal Selling J D & N H Machinery, Holstein Cattle & Dairy Barn Equipment. Located Honeyoe Falls, New York. Pirrung Aucts, Inc 716-728-2520

FRI. FEB. 26 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. FEB. 27, Very Fine Antiques. Located At 1369 W. Main St., Ephrata, Pa. For Arlene H. Minnich Estate. Paul E. And Aaron E. Martin, Aucts.

SAT. FEB. 27 - 8:30AM, Public Sale, 20th Annual All Day Sale Of Horses, Mules, Farm Equipment, Hardware, Tools, Household Goods, Guns, Coins, Quilts, Groceries, And Much More. Located At The Strasburg Fire Co., 46 West Main St., Strasburg, Pa. By The Strasburg Fire Co.

SAT. FEB 27 - 9AM, Farm Machinery, Shop Tools & Some Furniture. Located 3 Miles S.E. Of Sunbury, Pa., Take Route 147 South 1 Mile, Turn Left On Brush Valley Road, 2 Miles To Cider Press Road Owners, John W. (Bud) And Mary Snyder. Mark Glick, Auct

SAT FEB. 27 - 9:30AM, Complete Farm Machinery Auction. Located 12 Miles North Of Carlisle, Off Route 74, Landisburg, Pa. Owners, R. Jack And Peggy Crozier Kling's Auctions, Inc, Sales Mgrs

MARCH
MON. MAR. 1 - Wholesale Furniture Located At A&C

Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach, Auct

CONSIGNMENT AUCTION**WINROSS, ERTL, HESS TRUCKS, MISC. NASCAR ITEMS, AND MISC. TOYS****WED., JAN. 6, 1993**
6:30 P.M.

Located at A & C Diffenbach Auction Inc., 100 W. Jackson St., New Holland, PA 17557.

AUCTION HELD 1ST WEDNESDAY OF EVERY MONTH

NOTE: Consignments are welcome! Call 355-7253.

RECEIVING TIME - MON. THRU FRI. - 8 A.M. TO 4 P.M. AT THE AUCTION CENTER.

TRUCK SALE WILL BEGIN AT 6:30

A & C Diffenbach Auction Inc.

100 W. Jackson St., Box 186

New Holland, PA 17557

(717) 355-7253

Fax #355-9547

Alan Diffenbach Auct. AU2258-L

PUBLIC AUCTION**Forty Head Of Home Raised Heifers
Full Line Of Farm Machinery, 700 Gallon
Milk Tank - Sputnik - Diesel, New 1991
Seven Head Mules - Hay - Ear Corn****Friday, January 22, 1993****9:00 A.M.**

Sale held at farm on Quarry Road, Lancaster, PA. 2 miles Southeast of Paradise. From Route 30 go South on Belmont Road. From Route 741 go North on Belmont Road to Quarry Road.

40 HEAD HEIFERS - Approximately 1:30 P.M. 40 HEAD

Ten head due January thru March. Thirty head short bred to calves, all A.I. sired vaccinated, all home raised out of Fisher herd. Milk cows sold private to neighbor. R.H.A. over 18,000 M. Presently 3.9 Fat. Mostly Select Sires used.

AUCTIONEER'S NOTE: You will like these heifers out of a clean herd.**Mules - Hitches - Harness**

Pair red sorrels; pair blond sorrels; 3 single mules, 2 black mules 17 hands, red sorrel; 10 sets of harness; bridles; extra collars; horse trees; hitches.

**Approximately 40 Ton Alfalfa Hay - 80 Ton Ear Corn
Milk - Barn Equipment - Calf Barn**

28 horsepower Deutz diesel, new 1 year; 700 gallon Mueller milk tank; 3 stall calf barn; Sputnik milk mover; Wic bed chopper; 275 gallon fuel tank; 300 gallon air tank; 2 wagon loads small items.

Farm Machinery - Case 830 Tractor

New Holland 455 mower, hyd. control; Grimm tedder; New Holland 256 rake; New Holland 55 rake; New Holland 311 baler with Lombardi diesel; 2 flat bed wagons; New Holland 36' elevator, hyd. unit; White Horse 2 bottom plow; KBA 24 discs disc harrow; John Deere 9' spring tooth harrow; 9' cultimulcher; log field roller; 3 row Pequea corn planter; McCormick Deering No. 9 silage cutter; Stoltzfus built rotary mower; Brillion 8' seeder; Pequea conventional manure spreader; Stoltzfus side delivery liquid spreader; corn drag; gravity bin wagon; New Idea 323 corn picker; 4 forecarts, 2 with steering; Wiard 106 walking plow; Case 830 tractor on steel, PTO, hyd. pulley; spike harrow; acetylene torch and welder.

Few Household Goods - Antiques

Wooden beam walking plow; 1 horse mill sleigh; 4 burner gas stove; 2 door metal closet; arm rocking chair; table; tubs; 1940 car brochures; 1926 metal hunting licenses; kerosene heater; lot of dishes; bench vise; more items not listed.

Owner:**John S. & Susie Fisher****Auctioneer:**

Steve

Steve Jr. Petersheim:

215-593-AUCT

AU 001349L

Food On Premises

**PUBLIC AUCTION
OF 82 ACRE LEBANON COUNTY
FARM AND FARM EQUIPMENT****TUES. FEB. 9, 1993****AT 9:00 A.M.****Location: Take Rte. 322 between
Campbelltown, Pa. & Fontana, Pa. At
the Lebanon Valley Bible Church take
Mt. Pleasant Rd. to auction site.**

Real Estate consists of 82 acres M/L limestone tillable farm land. Land in high state of cultivation.

Thereon erected a 2 1/2 story frame house with 2 apartments.

First floor apt. consists of a kitchen, living room, 2 bedrooms & bath. Second floor apt. consists of a kitchen, living room, 2 bedrooms & bath.

House has oil fired hot water heat.

Also a lg. bank barn 40'x90' with a 36' attachment for equipment storage. Macadam lane to farm.

Persons wishing to inspect farm may do so by calling 867-2777 for an appointment or at Open House Jan. 9 from 1-3 p.m.

Real Estate to be offered at 11:00 a.m. Terms: 10% down, balance in 45 days. Immediate possession available.**Farm Equipment: A.C. 8070 tractor (w) 4 WD - cab - duals - 1350 hrs. N.I. #802 Uni System (w) 868 chopper - 7683 N&W R corn head & 868 pick up - 560 hrs. Case Int. 800 6RN corn planter (like new), N.H. 316 baler (w) hyd. drive - #72 thrower (like new), Gleaner M2 combine 4RN corn head H 3' grain head, J.D. 4020, I.H. 656 Hydro. (w) loader, I.H. 350 utility, I.H. 716-6b. auto reset 18" plow, Rhino 25' wingfold disk, N.H. 489 haybine.****Watch for full listing later.****Sale by****ADAM M. BRANDT, Estate****Adella L. Brandt Executrix****Phone (717) 867-2797****Auctioneers AU617L****Raymond Miller 653-8762****Jim Hershey 665-7284****Attorney- Samuel G. Weiss Jr.****PUBLIC AUCTION
OF VALUABLE
NORTH AMERICAN WILD
ANIMAL TROPHY
COLLECTION
AND RELATED ITEMS****ON SATURDAY,
JANUARY 9, 1993****At 9 A.M.**

At Springetts Fire Co. Social Hall, 3013 E. Market St., York, Pa. To be offered at public auction for the Frank Lobitz Estate of Hazelton, Pa., also items from Wrightsville, New Port, Pa. & Others.

TROPHY COLLECTION

Very large Alaskan brown bear standing upright, Several head & full mount black bears, Black bear cub, Shoulder mount Caribou approx. 345 pts., Full mount Black Wolf, Full body mount Mountain Lion, Full mount Badger, Shoulder mounts of the following - Dahl sheep, Antelope, Mountain Goat, Black tail & mule deer, Caribou, Moose, Bison, 2 large 6x6 elk, 5 Whitetail deer, Fallow deer, also full mount Cougar attacking whitetail, full mount Wolverine, Wild Boar mounts, Albino deer head.

**SMALL GAME TROPHIES —
FISH & RELATED ITEMS**

Pheasants, Sage Grouse, Rabbit, Raccoon, Bobcat, Black Squirrel, Weasel, Flying Wild Turkey, 2 wall mounted Blue Fish approx. 30", Star Fish, Lot of Big Bass, Trout & Salmon mounts, also Walleye, Muskie, etc., Very large Moose & Elk antlers, 50 sets of white tail deer antlers, also cape Buffalo horns, Sable & Impala, set of 6' Longhorns, 2 Elephant table lamps from Thailand, Zebra drum, Morocco leather hassock, Mountain Goat table lamp, Mallard duck table lamp, Mink & muskrat skins, Kangaroo & various other hides, skulls, etc.

Large Grizzly Bear rug with head 8'x7'6", Silver Wolf rug head & hide, 2 Black Bear rugs, Cinnamon color black bear rug, Black Bear rug with head, Winchester Model 70 - 300 Win. mag. with B&L scope, Winchester Model 02-22 rifle, Bear traps, lots of hunting books and misc. related wildlife & hunting items. Not responsible for accidents on day of auction.

PREVIEW SHOWING: Friday eve. Jan. 8, 6:30 P.M. to 8:30 P.M. and 1 hour prior to auction.

Refreshments Available

TERMS: Cash or Approved Check, No out of state checks.**Jacob A. Gilbert, Lic. #336****Brian L. Gilbert, Lic. #2256****Auctioneers - Tel. (717) 252-3591**

AUCTION SALE MEAT PACKING FACILITY

FORMERLY

E.W. MARTIN CO.

WEDNESDAY, JANUARY 13 - 10 A.M.
ON PREMISES

1625 OLD PHILADELPHIA PIKE
LANCASTER, PA.

Directions: From Lancaster Route 30 By-Pass: Take Greenfield Rd. Exit, South on Greenfield Rd. to first traffic light, turn right onto Old Philadelphia Pike (Route 340W), 1 mile to sale site on right. Greenfield Rd. exit is 2 miles east of the intersection of Route 222 and Route 30 By-Pass.

**SLICERS, SAW, WALK IN BOXES
CHILTING MACHINE, CONVEYORS**
Berkel Slicers, Butcher Boy Saw, Linker Machine, Townsend Skinners, Sausage Stuffer, Grinders, Chopper, Albright Pickle Injector, Chiltering Machine #4A, Tripe Washer, Hog Scraper, Dehairer, S S Smokehouse 11'x8'x18", Walk In Coolers 12'6"x9' & 14' & 21', Qty. of Overhead Conveyor System Throughout Cooling Area, Kill Area and Cut-Up Area with Hangers & Gambrels, S S Prep Tables, Freezer Doors

**BOILER, FORK TRUCK, SCALES,
OFFICE FURNITURE**
Cleaner Brooks Gas Fired Boiler M/N CB200 - 300 HP, Raymond Pacer Stand - Up Electric Forklift, Hobart Battery Charger, Thermo - King Truck Refrigerator Units, 15 Asst. Digital, Platform & Hanging Scales, Asst. Air Compressors, Signode Banders, Lockers, Cartons, Carts, Office Furniture & Equipment, Etc.

INSPECTION: TUESDAY, JANUARY 12 - 10 A.M. - 3 P.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT
COMPLETE PAYMENT SALE DAY

COMLY Auctioneers
W.M. F. COMLY & SON, INC.
1825 East Boston Avenue/Philadelphia, PA 19125
(215) 634-2500 • FAX (215) 634-0496
PA AUCTIONEERS LICENSE NO. RY000087-L

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

TUE. MAR. 2 - 9AM, Farm Equipment, Horses, Cows, Heifers, Shop Equipment. Located 4 Miles Northwest Of Wakefield At 1707 Cherry Hill Road, Lancaster Co., Pa. Owners, Benj. F. & Rebecca Esh. Abe Dittenbach, Auct

WED. MAR. 3 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks,

Misc. Nascar Items, And Misc. Toys. Located At A & C Dittenbach Auction Inc., 100 W. Jackson St., New Holland, Pa 17557 Alan Dittenbach Auct

THURS. MAR. 4, Farm Equipment, Tools, Antiques. Located 370 Rothsville Rd., Ephrata, Pa. For Marvin S And Miriam S Martin. Paul E And Aaron

'ATTENTION' ANNUAL SPRING CONSIGNMENT SALE Saturday, March 20, 1993

9:00 A.M.

Sale held at Juniata Markets, Jct. of Rts. 75 and old 22, at the blinking lights, 1 mi. north of Port Royal, Pa. Juniata Co.

FARM MACHINERY, CONSTRUCTION EQUIPMENT, BUILDING MATERIAL AND OTHER MISC. ITEMS.

FOR THE BEST ADVERTISEMENT, CONSIGN YOUR ITEMS EARLY, PH. 717-527-2405 Or 4458 Or 527-2364.

Long's Auction Service
AU0017021

E. Martin, Aucts.

THURS MAR. 4 - Daniel E. Lapp, 1250 Penn Grant Rd., Lancaster Farm machinery & mules Harry H. Bachman, Auct & Stonehurst Farms.

FRI. MAR 5, David S. and Martha Z. Zimmerman, RD 2, Williamsburg, Blair Co Farm Equipment, Tools And Household Goods Nevin Martin And Sons

FRI. MAR 5 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. MAR 6, Farm Equipment, Dairy Herd, Shop Tools, Household Goods Located From Blue Ball Route 322W Approximately 1 Mile Turn Right On White Oak Road Come To Y Bare To Left On White Oak Road Approximately 2 Miles To Farm On Right Owners, Harry And Lena Burkholder Roy Good, Randy Kline & Lloyd Kreider, Aucts

SAT. MAR 6 - 8:30AM, Farm Equipment, Horses, Mules Hay, Straw, Corn, Carpenter Small Tools, Household Good, New & Used Furniture, Quilts, Truck Load Of Fruit Located 6 Miles SE Of Strasburg On Route 896, Village Of Georgetown, Lancaster County, Pa Local And Well Known Auctioneers

SAT MAR. 6 - 9:30AM, Farm Auction, Real Estate, Mules, Beef Cattle & Machinery Located 19 Leshar Road, Newburg, Pa. Owners, Richard E & Patricia Conrad. Kling's Auctions, Inc., Sales Mgrs

TUES MAR 9 - 9AM, Farm Machinery. Located 796 Long Lane, Lancaster, Pa Terms By, C Lloyd & Florance K Harnish Kreider, Kline & Good Aucts

THURS, MAR 11 - 11AM Penna Heifer Relief Sale at Mel Kolb's Sale Barn, off Rt 283 at Flory Mill Rd Exit Wilmer Kraybill, Manager 215-286-9576

THURS MAR 11 - Amos S. Lapp, Jr, Deiter Rd., Strasburg. Farm Equipment, Horses, Dairy Cattle Harry H Bachman, auct &

Lancaster Farming, Saturday, January 2, 1993-B23

Stonehurst Farm
FRI MAR 12 - 9AM, Farm Equipment & Supplies Located At A&C Dittenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557 Alan Dittenbach Auct

FRI. MAR 12 - 10:30AM, Complete Dairy Herd Dispersal, 175 Head. Located 15820 Mountain Green Rd, Spring Run, Pa Owner, Robert Mumma Kling's Auctions, Inc., Sales Mgrs

FRI MAR 12 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511

SAT MAR 13, Farm Equipment for Robert & Miriam Kauffman located at 439 Bossler Road, Elizabethtown, Lancaster Co Long & Long Aucts

SAT MAR 13, Charles Benner and Ken Boyer will offer at public sale full line of modern farm equipment Located East of Mt Pleasant Mills Pa Along Rt 35 (Snyder Co) Ken E Smith, auct

SAT MAR 13 - 9:30AM, Farm Equipment, Household Goods, Antiques Located Along E Farmersville Rd, East End Of Farmersville, West Earl Township Terms By, Paul H Weaver Paul W Horst, Auct

FRI MAR 19 - 9:30AM, Modern Farm Machinery Auction Located 15820 Mountain Green Rd, Spring Run, Pa Owner, Robert Mumma Kling's Auctions, Inc., Sales Mgrs

FRI MAR 19 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT MAR 20, 38 M/L Acre Farm, Machinery, House Goods, Coins Located From Lancaster, Pa Take Rt 272 So App 10 Mi Turn West On Truce Rd, Cross Over Rawlinsville Rd Onto Martie Heights Rd Turn Left On Creamery Rd 1st Farm Left Terms By, Charles Walter Jr

Estate. Kreider, Kline & Good, Aucts

SAT. MAR 20 - 8:30AM, Building Material Sale All Day. Located 6 Miles SE Of Strasburg On Route 896, Village Of Georgetown, Lancaster County, Pa Local And Well Known Auctioneers

SAT MAR 20 Farm equipment and tools, along Route 322 midway between Hinkletown and Ephrata Henry H Garman Nevin Martin and sons

SAT MAR 20 9AM, Annual Spring Consignment Sale Located At Juniata Markets Jct Of Rts 75 & Old 22 At The Blinking Lights, 1 Mi North Of Port Royal, Pa Juniata Co. Long's Auction Service

SAT MAR 20 9:30AM, Public Auction Of Milk Bottles Located At The Brickerville Fire Hall Just Off Rt 322 At Brickerville, Pa Paul Snyder, Agent For Owner Paul & Michael Snyder, Aucts

SAT MAR 20 10AM Bingham Center (Potter Co) Penna Between Ulysses and Genesee Mr and Mrs Harold Kiebach Complete Dispersal Pirrung Aucts, Inc

SAT MAR 20 11AM Genesee, Pa Harold Kiebach Complete Farm Dispersal Cattle and Machinery Auction Pirrung Auctioneers, Inc 716-728-2520

SAT MAR 22 9:30AM Marion, New York, Peter Blik and Son, Inc Complete Farm Dispersal, Potato and Onion Equipment Auction Pirrung Aucts, Inc 716-728-2520

TUES MAR 23 - 9AM, Quilt, Craft & Buggies Located At A&C Dittenbach Auction Inc., 100 West Jackson St., New Holland, Pa 17557 Alan Dittenbach Auct

WED MAR 24 - 9AM, Quilt & Craft Located At A&C Dittenbach Auction Inc., 100 West Jackson St., New Holland, Pa 17557 Alan Dittenbach Auct

PUBLIC SALE

SATURDAY, JAN. 9, 1993
9:00 A.M.

Located Two Miles Southeast Of Route 472 From Kirkwood, Seven Miles Southeast Of Quarryville, Two Miles South Of Bartville Store. At 68 Morrison Mill Road, Lanc. Co., Penna.

FARM EQUIPMENT

Deutz 158 h.p. 6 cylinder diesel with irrigation pump; Pequea manure spreader; New Holland "66" baler; New Holland "401" crimper with motor; Dual spinner hay tedder with Lombardiana diesel.

Little Brinton 9' spring harrow with new shoes; 9' cultipacker; 9' spring harrow; Two New Holland and One Gehl ensilage blowers; steel wheel wagon.

Zimmerman 32' elevator; Portable 12' metal grain elevator; 12' and 16' small grain elevators; 21' Skeleton elevator with electric motor; Lancaster Silo Fan with Kawasaki motor; Portable Airplane propeller fan.

Bartville Welding 34' hay rack on wheels; Two 16' hay racks made with treated lumber; 12' hay rack made with treated lumber on skids; One round metal hay rack.

Six round roof fibre glass calf hutches; three pen calf kennel with inside feeding alley.

Three 3-point hook-up bale carriers for square and round bales; 3-point hook-up motor lift; 12' steel wheel wagon; Portable full length cattle chute with head gate; saw buck; Fairbanks 2000 lb. scales with large platform; LOTS OF GOOD USED TIN: Used lumber, 2"x4"s; 2"x6"s; 2"x12"s; oak loading ramp.

Three feed carts; two ensilage carts; three Minnich tobacco presses; 16' overhead door; gas and fuel tanks; several wagon loads of small items.

Torch outfit; six sets of scaffolds; approximately 400 treated spindles for porch railings; express wagon; snow-fence; windows; belts; spouting; pipe fittings; 14" Bandsaw.

LIKE NEW BLUE 14'x18' UTILITY SHED
HAY AND STRAW BY THE TON

New oak flat top desk; office chairs; playpen crib; Warm Morning coal stove; Vermois coal stove; recliner; screen house; etc.

No Out of State Checks.

Sale 9:00 A.M.

Owner,

JOHN S. STOLTZFUS

Dittenbachs Auct. 225L

Good Food Available

PUBLIC AUCTION TRACTORS - COMBINE TRUCKS - FARM EQUIPMENT SATURDAY, JANUARY 9, 1993

10:00 A.M. (rain or shine)

Directions: From Easton, Md. follow Rt. 50 West to the Airport (62 mile marker), turn left onto Rt. 662 (Longwoods Rd.), go approx. 3 miles to farm on left. From the Bay Bridge follow Rt. 50 East to 58 mile marker, turn right onto Rt. 662 (Longwoods Rd.) and go approx. 4 miles to farm on the right. (Signs Posted).

Combine: J.D. 6600 diesel w/J.D. 216 grain head & J.D. 444 corn head.

Tractors: J.D. 4240 diesel w/cab, J.D. 4430 diesel w/cab & duals, J.D. 520 w/3 pth., J.D. A.

Equipment: White 5100S 4 row planter w/splitter bar-liquid fert.-monitor, J.D. 1010 Field Cultivator 14' w/buster bar, J.D. 111 Disk (38 blade), Brillion 9' Chisel Plow w/buster bar, J.D. 145 5x16 semi-mount plow, Int. 415 Roller Harrow w/crowsfoot wheels, Brillion 15' Crowsfoot Cultipacker w/transport, M.F. 33 Grain Drill (17 tine), J.D. 38 Sickle Mower 7', J.D. 4 row Cultivator w/rolling fenders, Land Pride 7' Blade 3 pth., J.D. 328 Sprayer, Rear mount Track Remover, 4 row Danish Tine Cultivator, M.F. 5' Rotary Mower, Fuel Cart w/275 gal. diesel & 100 gal. gas tanks, (2) J.D. Quick Hitches, 1 row Potato Plow, 1400 gal. & 1100 gal. Poly Tanks, Campbell Hausfied 5 h.p. Portable Air Compressor and other items.

Trucks: 1975 Chevrolet C-60 w/14 1/2' dump body, 1967 Chevrolet C-50 w/13 1/2' Garwood dump body.

Inspection of vehicles will be the responsibility of the purchaser.

Auction Terms: Cash or Approved Check w/current letter from bank guaranteeing funds, unless you are known by the auctioneer.

Owner:

MR. & MRS. PHILLIP
HUTCHISON

Phone: (410) 822-1461

NOTE: Additional Items: J.D. 210 disk 15', 1988 GMC 10 wheel truck w/dump body (31,000 miles - Md. Inspected), Cat 931B Track Loader w/4&1 Bucket (1400 hrs.), 1989 Soil Mover 5 1/2 yd. pull pan, 1985 Kruger 10 ton Trailer 3 axles, J.D. 609 Rotary Mower, J.D. 10' Roller Harrow, 3 pth. 2 Shank Sub-Soiler.

A. Curtis Andrew Auction, Inc.

Auctioneers:

Curtis Andrew - Mike Roe, CAI
(410) 479-0756 or 754-8826

PUBLIC SALE

Mules, Farm Machinery, Corn, Hay,
Household Goods

Saturday, January 23, 1993 Sale At 9:30 A.M.

Located Along North Hollander Rd., 3 Miles South Of New Holland, 3 1/2 Miles South Of Rt. 23, 1 1/2 Miles North Of Inter-course, Lanc. Co.

7 Sorrel Mules

1-pair 6 yr. old Jack Mules, 2-pair smooth mouth Jack mules, 1-4 yr. old Jack mule, these mules good broke, 2-3-4-5-6-7-8 horse hitch- es some steel, bridles, collars, harness.

XT 190 AC tractor on steel engine overhauled 2 yrs. ago, NH 311 baler, Kemin applicator, 1240 John Deere 4 row corn planter on steel, rubber wheels for 1240 John Deere corn planter, Hesston harvester, 8' Brillion packer n seeder, 206 New Idea manure spreader, pit spreader, New Idea 1 row corn picker, 640 John Deere rake, Pequea tedder used 2 seasons, M.C. rotary scythe, McCormick corn binder with loader p.t.o., 32' Zimmerman elevator, Smucker mower and crimper, 9' Ontario rye drill, 3 fore carts, Zimmerman gravity bin, Zimmerman 16' flat bed wagon, 16' Farm Bilt flat bed wagon, 2 bottom McCormick trailer plow 12", 1 bottom McCormick trailer plow 14", John Deere KBA disc harrow, field sprayer with 10' looms, 2- 9' John Deere spring harrows, 9' cultipacker, 8' cultipacker, ground driven corn binder, 4 cyl. 65 h.p. Wisc. engine, 4 cyl. 32 h.p. Wisc. engine, engines in good cond., 2- 7 h.p. Wisc. engines, hydraulic unit, hydraulic motor, 40' hydraulic hose, pressure washer, power take-off shaft, 2- hydraulic units, portable fan with Kawasaki engine, breeding chart, DeLaval vacuum pump, feed & silage carts, calf hutches, tools, forks, shovels, gas lights, aluminum water trough, baler and binder twine, rye seed, wheat seed, fertilizer.

Approx. 40 ton hay alfalfa and mixed, approx. 100 ton ear corn. Household Goods: 2 china closets, clothes closet, spring & mattress, approx. 30 new vests, 5 rag carpets, housewares plus many more articles not mentioned.

Terms By:

MELVIN K. LAPP

Snyder's Auction Service

Paul and Michael Snyder, Auct. AU-873L

(717) 733-7052

Refreshments

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

THURS MAR. 25, Dairy Cattle Located 80 Durlach Hill Rd., Stevens, Pa. For Ray P. And Geraldine Bolinger Paul S. And Aaron E. Martin, Auctioneers

FRI MAR 26 - 9:30AM, Kling's Annual Spring Machinery Consignment Auction Consign early For Full Advertising Located At Kling's Auction Barn, 15 Miles North Of Carlisle, On Route 74, 2 Miles From Landisburg, Pa. Kling's Auctions, Inc., Sales Mgrs

FRI MAR 26 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511

SAT. MAR 27 - 9AM, Real Estate, Antiques, House Goods Located 1806 Lampeter Rd., Lampeter, Pa. Terms By, Mark & June Myer Kreider, Kline & Good, Auctioneers

SAT MAR 27 - 10AM, 40 Holstein Heifers, Guns & Farm Machinery Located In Mifflin Co., 2 Miles East Of Mt Union, Pa., Turn Off Rt 22, 1/2 Mile SW Of Newton Hamilton, Pa. Albert & Frances Bowser Mark Glick, Auctioneers

APRIL

THURS APR 1 - 10AM, Lamb Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI APR. 2 - 9AM, Receiving 7 PM Easter Rabbit, Poultry Sale Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81,

Left Onto Alexander Spring Road. 717-249-4511.

FRI. APR 2 - 12:30PM, Receiving 7 Until 11 AM Easter Lamb & Goat Sale Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511.

FRI APR. 2 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT APR 3, Consignment Sale, Lawn & Garden Equipment & Farm Equipment Located 222 North Of Lancaster To Brownstown/Rothsville Exit Turn Right On To 772 West, To Traffic Lights Turn Right On 272 North Go Approx. 2/10 Mile Turn Right Onto N Church St., Turn Left On To Metzler Rd. Take First Rd. Left At Brownstown Vocational School, Turn Left Onto Pool Road To Auction On Right Terms By, Elam Shirk, Kline, Kreider & Good, Auctioneers

SAT. APR 3, Tools, Household Goods & Antiques. Located 1369 W Main St., Ephrata, Pa. For Arlene H. Minnich Estate Paul E. And Aaron E. Martin Auctioneers

SAT. APR. 3 - 10AM, Tractors, Farm Machinery, Lawn & Garden Tractors, Etc. Located In The Village Of Richfield, Pa. (Juniata Co.), Turn South Off Rt 35 At The County Line Restaurant & Go 3 Miles To The Village Of Fogle Hill. In Fogle Hill, Make A Left On Road To Oriental & Go 4 Miles Until You Come To

Laurel Hill Rd Then Make Right Onto Laurel Hill Rd & Travel 1/2 Mile To Site Of Auction. (Located 1 Mile Southwest Of Hoffman's Haymaker Restaurant). Watch For Auction Signs Off Rt 35 At Richfield & Off Rt 104 Owner, Elwood (Woody) C Flowers, Roger A. Lauver & Dean E. Longacre, Auctioneers

MON. APR. 5 - 6:30PM, Wholesale Furniture Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auctioneers

WED. APR 7 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc Nascar Items, And Misc Toys Located At A & C Diffenbach Auction Inc., 100 W Jackson St., New Holland, Pa. 17557 Alan Diffenbach, Auctioneers

THURS APR 8 - 10AM, Lamb Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI APR. 9 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT APR 10 - 9AM, Peifer Hill Consignment Sale Of Lawn & Garden Equipment & Tractors Located Church St., Thru Reamstown To Red Run Rd Turn Left To Steffy Rd. Turn Left To Auction On Left. Kline, Kreider & Good Auctioneers

FRI APR. 16 - 9AM, Farm Equipment & Supplies Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557 Alan Diffenbach Auctioneers

FRI APR. 16 - 7PM, Feeder Cattle Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

TWO DAY PUBLIC AUCTION VALUABLE 137 ACRE M/L FARM ANTIQUES - HOUSEHOLD GOODS

**FRI. JAN. 22 &
SAT. JAN. 23, 1993**
Sale Time 9 A.M. Both Days
Real Estate 1 P.M. Jan. 23

Loc: From Lancaster, Pa. Take Rt. 22 So. app. 12 1/2 miles to property on right. Or from Quarryville, 1/2 mile North along Rt. 222.

Lrg 2 1/2 story stone home, lrg frame barn, tobacco shed, 2 car garage. App. 80 acres tillable, app. 30 acres woodland, pasture w/stream, road frontage. Zoned residential. Open house, Sat's Jan. 2 & 9 from 1 to 4 P.M. or by appt. call Auctioneers. 717-786-3394.

Terms: 10% down day of sale, balance upon settlement.
Lic. #513L

717-786-3394
Terms By

**FRANCES K. SHENK, Estate
Donald E. McVey, Executor and
Chester G. Eshleman, Executor**

**KREIDER & KLINE & GOOD
AUCTION SERVICE**

PUBLIC AUCTION TRUCK - FARM EQUIPMENT TOOLS

**MONDAY,
JANUARY 11, 1993**
AUCTION TIME - 9:00 A.M.

Directions: From Lancaster, Route 272 South through the Buck, 1/4 mile past Valley View Restaurant turn right onto Spring Valley Road. Go to second Stop sign, turn left onto State Hill Road, go 3 miles to town of Fairfield, turn right onto Benton Hollow Road. At first Y keep right, at next Y keep left on Bald Eagle Road to first farm on left. Lancaster County, PA.

MASSEY FERGUSON 1105 DIESEL
W/ multi power & dual outlets; Massey Ferguson 285 diesel W/ cab, multi power, dual outlets & good tires; Massey Ferguson 285 diesel W/ multipower & dual outlets, good tires (no cab); John Deere A 1948, good running cond.; New Holland # 499 twelve Ft. Hydra Swing Haybine, used 2 seasons; N.H. # 277 baler W/ thrower; N.H. # 849 Auto Wrap Baler; M.F. # 520, 14' disc harrow; Brillion 14' crowfoot cultipacker; Glenco wing field cultivator W/ weatern harrow; I.H. # 710, 4 X 16 auto. reset plow; Glenco 9 tooth trailer type chisel plow; N.H. # 258 hay rake W/ dolly wheels & rubber teeth; N.H. tandem axle spreader W/ hydr. tailgate; Fidelity 25 K.W. Generator on transport; Fox # 2310 forage harvester W/ 8 knife cutter head, 1000 R.P.M.; 2 row narrow corn head; 8 ft. pickup head; 3 N.H. # 8 crop carriers forage wagons on tandem axle gears, 2 with roofs; N.H. # 30, 1000 R.P.M. hopper blower; I.H. # 56 hopper blower; Aills Chalmers # 333 four row no till air corn planter W/ insecticide hoppers; three 18' hay wagons W/ thrower racks; Zimmerman 28' elevator; Little Giant corn drag; J.D. 16-A flail chopper; 300 gal. trailer type field sprayer W/ hydraulic booms; 2 gravity bins, one on running gear; two 3 pt. bale movers; Pequea P.T.O. tedder; 3 pt. blade; 3 pt. sprayer W/ hand nozzle; Youngs applicator for baler; wheel weights, fertilizer auger; hydraulic dump lift; cattle trailer; 3 pt. Farm-lund bale wrapper

**1968 FORD SINGLE AXLE
DUMP TRUCK**
runs good;

**NEW HOLLAND
S-14 HYDROSTATIC
LAWN TRACTOR**

W/ 42" mower deck & 3 pt. hookup; sprayer frame parts; 2 fuel tanks W/ pumps; 1 fuel tank W/ elec. pump, wheelbarrow; feed cart; 2 ton chain hoist; Lincoln welder, air compressor; Hyd. jacks; cylinders; oil barrel & pump; grease gun; hand cart; bench vise; Duracraft 1/2" drill press; bench grinder, fence chargers; truck canvasses; tool boxes; bolts & bins; 1/2" socket set; air tank; creeper; water bowls, lot of misc. hand tools; handyman jack; fuel cans; air impact wrench; log chains; fuel cans, etc

AUCTION BY

**LEROY S. &
ANNA Z. MUSSER**

Call Leroy after 6:00 P.M. at
717-548-3466

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AUCTIONEERING

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Ephrata, PA

Food at auction

FARM REAL ESTATE

AUCTION

Halderman Can Help

HOG FARM AUCTION

AUCTION: Thursday, January 14, 1993 at 2:00 P.M. EST
Steuben County, Indiana & Branch County, Michigan
200 Ac. Hog Farm - 80 Ac. Hog Farm - 90 Ac. with Gestation Barn (2) - 250 sow full, confinement operations.

Farm #1 - 80 acres, 63 acres tillable Hog Operation 52 crates, 3 Harvesters, Slurrystore, and home 10 miles northwest of Angola, Indiana
Farm #2 - 200 acres to be divided into 2 tracts Tract #1 120 acres, 75 acres in CRP, 8 acres tillable, 37 acres woods & musc; Tract #2 80 acres, 39 CRP, 41 buildings & gravel pit. Hog Operation (Tract #2) - 52 crates, Harvesters, Slurrystore, and home 6 miles west of Angola, Indiana.

Farm #3 - 90 acres, 40' X 48' Gestation barn, 40' X 240' grower building, with home 13 miles southeast of Coldwater, MI - 12 miles NW of Farms #1 & 2

OWNER: Bucklin Farms, Inc.
For More Information CALL

Bill Earle

North Manchester, Indiana

(219) 982-8351

Auctioneer Mark Metzger

**HALDERMAN
REAL ESTATE
SERVICES**

1 (800) 424-2324

P.O. Box 297

Wabash, IN 46992

VANLURE MILKING HERD DISPERSAL FRIDAY, JANUARY 8, 1993 11:00 A.M.

Selling at Kling's Sale Barn, located 15 miles North of Carlisle, on Route 74, 2 miles Northeast of Landisburg, PA. Selling for Frank and Susan Ricigliano, Cortland, N.Y.

50 Fancy Registered Cows
and First Calf Heifers

DHIA Records - Calfhood Vaccinated
This is an extremely young Dairy of Tie Stall Cattle - with Fancy Udders - Over half milking with First Calf - Balance 2nd and 3rd Timers. Many recently Fresh - Some Close Springers and others bred back.

A few to watch for are: 4 Yr. old Col-dsprings Levi - never scored - Made 19991 last Lactation - 3.8 Test - 3.4 Pro-tien - Due January 25, 1993 to Mascot.

Also a 4 Yr. old Kay Elevator with right at 19000 Last Lactation - Fresh and had 87 lbs. on First Test. (Long - tall and Dairy).

2 Yr. Old Algonquin - Recently Fresh - Dam VG SWD with 29000 - 1100 Fat. 2nd Dam 88 Pt. Apostle with 31000 - 1095 Fat. 3rd Dam VG with 173000 Lifetime - (Nuff Said)

2 Yr. old Beautician - Fresh - Milking over 60 lbs. Dam VG Ken Royal with 24000 - 3.8 - 923. Next Dam over 150000 Lifetime.

Other Sell Sired By: Camaro - Vanguard - Mars Tony - Glenn View Joe - Symbol - Matt Lancer - Bear Path Glade - Paciamar Benefit - Russeldale Promise - Dubras Promotion - Spruce Edge Majesty - Jewelmaker - and several Good Bulls with the Gladtime Prefix.

Service Sires Include: Thor - Mascot - Sexation - Hanover Hill Lincoln and Hanover Hill Precisionist - Ryan - Gold Duster - Melvin - Mark Anthony and a good Leadman Son from Gladtime Farm.

The Riciglianos have done a great job with this young Herd and with the help of Gladtime Farms have put together a group of good, young cows, from great pedigrees and top breeding, that will go on and work for you.

Don't Miss This Auction

Also selling 40 Head of Registered and Grade Cows, and First Calf Heifers for Art Kling - Usual Top Quality - All recently Fresh or Close.

12 Good Young Grade Cows and First Calf Heifers from Phares Stoltzfus, Blain, PA. Several recently Fresh - Others in different stages. (Nice Cattle).

And a Trailer load of those Good Grade, Springing and Fresh Heifers from Walter Brown, Connellsville, PA.

Sale Managed By:

Kling's Auctions, Inc.

R.D. 1, Box 66, Landisburg, PA

Pa. License #500

Ph. 717-789-3883

Fax 717-789-4226

**KLING'S
SERVICE**

PUBLIC AUCTION OF MULES, DRIVING HORSES & PONIES, APPROXIMATELY 60 HEAD

**SAT. JAN. 16, 1993 SALE AT 11:30 A.M.
WILL BE HITCHING AT 9:00 A.M.**

Located between New Holland & Leola. Turn off Rt. 23 on South Groffdale Rd. 1 mile to sale. On the Roy Stoltzfus Jr. Farm. Lanc. Co. PA.

Six pair sorrel molly mules all three & four yr. old standing from 16.1 to 17 hands all broke all have worked on local farms this summer.

Dina & Peral 4 yrs. old well broke for anything on the farm safe for children to ride or drive. Have been used for wagon rides this summer at the fair grounds, worked on farm for 2 yrs.

Babe & Betty 3 yrs. old stands 17 hands broke for lines in farm machinery were used in south for hay rides as two yrs. olds.

Salt & Pepper dark sorrel 3 yrs. old stands 16.2 & 16.3, well broke for all farm machinery.

Pet & Peggy blocky sorrel mollies 3&4 yrs. olds, 16.2 & 16.3, well broke w/snap.

Polly & Dolly blonde sorrels mollies 3 yrs. old 16.2 well broke works good in lines.

Jewel & Jenny blonde sorrel mollies well matched - both have white spots on forehead light mane & dark tails stand 16.1 workers in lines.

Also 1 pr. sorrel molly mules welled boned & broke standing 15.3 worked on farm all yr. A few single mules w/sizes & broke.

Selling 25 to 30 head of mules for Bill Cochran from Tennessee, mostly good large mules some of these will be worked on our farm before the sale.

One Load of mules from Illinois w/a few large pairs & some smaller mules.

1 load of Standard bred driving horses from Ruben Stoltzfus, a few ponies, broke.

Terms By
STEPHEN G. LANTZ

Aucts Note- In case of snow storm sale held Jan. 23, 1993.
Auct- Robert E. & Jeffrey R. Martin
656-7770

AU-000580L

Refreshment Available

Green Dragon Livestock Sales

Located 1 Mi. N. On
North State St., Ephrata
Sale Every Friday



11:00 A.M. Beef
7:00 P.M. Small Animal Sale.

200-300 Stocker & Feeders Every Fri-
day. Regular Shippers Of Northern Cattle.

WALTER H. RISSER,
Prop.
Home 717-838-4318
Office 717-733-2444

MT. ROCK FARM COW SALE

Tuesday, January 5, 1993
- 11:00 A.M.

Located South Of Carlisle, Pa., Off I-81 At
Plainfield Exit To Rt. 11, South 2-Miles To
Cumberland Golf Course, Turn Right, Go 1
Mile To Clay Rd., Left To Stop Sign, Left
To 2nd Farm On Left.

"First Sale of the New Year" Featuring a
Select Group of Good Registered and Grade
Holsteins - Mostly all 2 & 3 yr. olds that are
either just fresh or Close Springing!

A Sampling of Some of the Purebreds sell-
ing include...

(2) Chief Mark Granddaughters; 1 Fresh - 1
Due January 15 to Cleitus.

A 2 yr. old Starbuck Fresh December.

A 2 yr. old Hanoverhill Royalist - Just fresh
in December.

A 2 yr. old Hanoverhill Spartan - Fresh in
December.

A 3 yr. old Mowery K Valiant Correct -
Fresh December 3rd.

A 4 yr. Tikvah Gambler ET - fresh Dec. 19 -
Heifer Calf by Blackstar Son.

A 2 yr. old Hanoverhill Jethro - Fresh 12-18
- Heifer Calf by Domar Nightstar.

A VG Butlerview Mattador fresh December
1.

A 2 yr. old Kingsstead Valiant Tab - Due Sale
Time.

A 3 yr. old Brigeen Jubilee - due 12-15 to
Shormar Lindy Mercer.

A 2 yr. old Hanoverhill Royalist due 12-17
to Shormar Lindy Mercer.

A 2 yr. old Hanoverhill Spartan ET due
12-23 to Whiteriver Rookie.

A 2 yr. old Upperman Tong - Will be fresh
Christmas Day.

A 2 yr. old Knoxland Valiant Friday - due
12-17; Dam a Levi dtr. w/2 yr. 17,000 3.4 p.;
Gr. Dam - 88 pt. Very w/6 yr. 30,880 m. 3.1 p.

A 2 yr. old To-Mar Quest ID Grade - due
1-8 to Inglis Chairman Dart.

A 2 yr. old Fivebrooks Spirit Gabriel due
1-12 to Dart.

A 2 yr. old Mel-Est Valiant Irose Melvin -
due 1-15 to Deerfield Kid Kate.

A 2 yr. old Bironniere Valiant Ted - due
1-18 to Whiteriver Rookie.

A 3 yr. old Marlu Overtime - due Jan. 19 to
Woodbine Thunderbird.

A Good Plus 4 yr. old Mark Anthony due
1-23 to Meadowlake Jubilant.

A 2 yr. old Hanoverhill Jethro due 2-19 to
Whiteriver Rookie.

A GP Wauregan Regency due 2-25 to
Whiteriver Rookie.

Also Selling...

25 Open Vaccinated Yearlings - Shot for
Shipping Fever (No Horns); All Heifer
Calves - Approx. 15 Head (Some
Purebreds).

Some Registered Heifers Include...

A Bergitte Black Velvet - Born 3-17-92 -
Dam a Tora Matt Lancer.

A Fisher-Place Mandingo - Born 3-9-92.

A Pack-Herd Chairman Berth - Born
3-14-92; Dam a Very dtr.

Come Join Us For Our

First Sale of 1993!

OWNERS,

BILL & CYNTHIA McKEEHAN

(717) 243-7651

TIM FULLER, Herdsman

(717) 249-3174

Rick Foreman, Auctioneer

Lic. #AU-1163L

Henry Kettering, Pedigrees

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

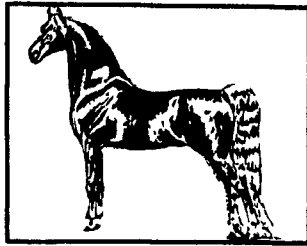
FRI. APR. 23 - 1:30PM
State Graded Feeder Pig
Sale Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511.

FRI. APR. 23 - 7PM, Horse
Sale. Located At New Hol-
land Sales Stables, Inc.
New Holland, Pa

TUES. APR. 27 - 10AM,
Antique Tractors. Located
At A&C Diffenbach Auction

SELECTED CONSIGNMENT

H
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DRAFT, DRIVING AND MULES

TUES. JAN. 12, 1993 - 10:30 SHARP

HORSES HITTED AT 9:00 A.M. SHARP
SALE HELD AT 834 WALLACE RD., NEW HOLLAND, PA.
DIRECTIONS: FROM RT. 23 IN NEW HOLLAND, GO SOUTH ON
BRIMMER AVE., GO 2 MILES SOUTH ON NEW HOLLAND ROAD
TO HILL RD. TURN LEFT ON HILL RD. PROCEED 1.2 MILES TO
SALE ON THE LEFT. FROM RT. 340 EAST OF INTERCOURSE
TAKE NEW HOLLAND RD., 2.5 MILES TO HILL RD., RIGHT ON
HILL RD. TO SALE ON LEFT.

FULL LISTING WILL FOLLOW.

MEL'S STABLE

OWNER - MEL HOOVER

PHONE - HOME - 717-354-8397

BARN - 717-354-6431

AUCT. ABE DIFFENBACH 225L
NOT RESPONSIBLE FOR ACCIDENTS

FOOD ON PREMISES

PUBLIC AUCTION

FARM EQUIPMENT, TOOLS AND MISC. HOUSEHOLD ITEMS

FRIDAY JANUARY 8, 1993

10:00 A.M.

Located South Of Manheim Approx.
2 Miles At The Premises Known As
1333 Woodlot Road. Just South Of
Fruitville Pike and Bucknoll Road.

The Following Items: Spring Wagon,
Market Wagon, Breaking Cart, Tobacco
Wagons - Single And Double Ladders -
Iron Wheels, Flat Wagons, Fore Carts, 2
Radex Plows, Two 2 Horse Cultivators,
Shovel Harrow, 2 Horse Wierd Plow, Roll-
er, 2 Bin Wagons - Iron Wheels, Plow
Packer, Cultipacker, Spring Harrow, Disc
Harrow, New Idea 323 Single Row Picker
With Wisconsin Motor, McDeering #9
Mower Wide Wheel 7" Cut, Side Rake,
New Holland 268 Hayliner Baler, 32' John
Deere Elevator With Motor, New Idea
Tobacco Planter, Tobacco Shears, 2 Min-
nich Tobacco Presses, 10,000 Tobacco
Lath, New Idea Crimper #752, Stock Tank,
Farrowing Crates, Welder With Wisconsin
Motor, Wheelbarrow, Pig Heaters, Nipple
Waterers, 2 Manure Spreaders, 6 Sets
Work Harness, Lines, Bridels, Grass
Seeder, Block And Tackle, Numerous
Single And Double Trees, Platform Scale,
Milk Cans, Wire Spool, Bale Thrower, Col-
eman Lanterns, Stehl Weed Chopper,
Cow Trainer, Fencer, Chain Saw, Chicken
Coop, Clipper, Numerous Tools, Grease
Guns, Jacks, Forks, Rakes, Hoes, Lad-
ders, 10 Ton Timothy Hay, 10' x 12' Por-
table Shed (About New), Also Numerous
Items Of Value Not Listed.

Auction For

RACHEL B. KING

Food On the Premises

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Dairy and Livestock Sales

Inc., 100 West Jackson St.,
New Holland, Pa. 17557.
Alan Diffenbach Auct

MAY

SAT. MAY 1 - 10AM, Grade
Heifer Sale. Located At
New Holland Sales
Stables, Inc., New Holland,
Pa.

WED. MAY 5 - 6:30PM,
Consignment Auction Of
Winross, Ertl, Hess Trucks,
Misc. Nascar Items, And
Misc. Toys. Located At A &
C Diffenbach Auction Inc.,
100 W Jackson St., New
Holland, Pa. 17557. Alan
Diffenbach, Auct

FRI. MAY 7 - 7PM, Horse
Sale. Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa

FRI. MAY 14 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511.

FRI. MAY 14 - 7PM, Feeder
Cattle Sale. Located At
New Holland Sales
Stables, Inc., New Holland,
Pa

FRI. MAY 28 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511

SAT. MAY 29 - 10AM, PB
Hfr. Sale. Located At New
Holland Sales Stables, Inc.,
New Holland, Pa

JUNE

WED. JUN. 2 - 6:30PM,
Consignment Auction Of
Winross, Ertl, Hess Trucks,
Misc. Nascar Items, And
Misc. Toys. Located At A &

C Diffenbach Auction Inc.,
100 W. Jackson St., New
Holland, Pa. 17557. Alan
Diffenbach Auct.

FRI. JUN 4 - 7PM, Horse
Sale. Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa

FRI. JUN 11 - 1:30PM,
State Graded Feeder Pig
Sale Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511.

FRI. JUN. 25 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511

JULY

FRI. JUL 2 - 7PM, Horse
Sale. Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa

FRI. JUL. 9 - 1:30PM, State
Graded Feeder Pig Sale
Located At Carlisle Livos-
tock Market, Inc., Exit 13,
South Off I-81, Left Onto
Alexander Spring Road
717-249-4511

FRI. JUL. 23 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511.

AUGUST

FRI. AUG. 6 - 7PM, Horse
Sale. Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa.

FRI. AUG. 13 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left

Onto Alexander Spring
Road. 717-249-4511

FRI. AUG 27 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road 717-249-4511

SEPTEMBER

FRI. SEPT. 3 - 7PM, Horse
Sale Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa

FRI. SEPT 10 - 1:30PM,
State Graded Feeder Pig
Sale Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511

FRI. SEPT 24 - 1:30PM,
State Graded Feeder Pig
Sale Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road 717-249-4511

SAT. SEPT. 25 - 10AM,
Fall Hfr. Sale Located At
New Holland Sales
Stables, Inc., New Holland,
Pa

OCTOBER

FRI. OCT. 1 - 7PM, Feeder
Cattle Sale Located At
New Holland Sales
Stables, Inc., New Holland,
Pa

FRI. OCT. 8 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511

FRI. OCT. 8 - 7PM, Horse
Sale Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa

PUBLIC AUCTION

Horse Drawn Farm Machinery - Draft Horses
Milking Equipment - Hay

Tuesday, January 5, 1993

9:30 A.M.

Sale held at the farm on Hess Road, Lancaster
County, PA 4 mile west of New Holland just off Rt.
23. Go south at Turkey Hill Minit Market.

Horses - Harness - Hitches

Pair of 8-10 year old Blond sorrel; 8 year old Red sorrel gelding; 12
year old sorrel mare; 4 set of heavy harness; bridles; collars; 2-3-4
horse hitches.

Barn - Milking Equipment - Dumping Station

3 - 50 lb. Westfalia milker units with Delaval shut off claws; 60 lb.
pail; milk mover dumping station with dryer and washer; feed carts;
grit spreader; Delaval vacuum pump; Lehigh cooling compressor;
10 HP air compressor; Deutz 2 cyl. diesel.

Manure Handling Equipment

Stoltzfus built liquid manure spreader; Stoltzfus built liquid manure
pump, portable.

Planting & Tillage Equipment

White Horse hyd. 2 way plow; John Deere K.B.A. disc harrow; Dun-
bar cultipacker mulcher; 8 ft. clod buster; New Holland 455 mower
on chassic; New Holland 401 crimper; New Holland 55 rake; Inter-
national 8520 baler with 2 cyl. Kohler engine new 1989 in excel-
lent condition; 2 flat bed wagons; bale and corn elevator with hyd.
motor and hose sells separate; 4 row International corn planter with
plateless hoppers set up with tongue, nice unit; John Deere corn
binder with loader, New Idea 323 corn picker; hi moisture chopper
blower; P.T.O. single chain elevator, M.C. chopper mower with 4
cyl. Petter diesel, sells separate; New Idea transplanter; ground
drive fertilizer spreader; 2 forecarts; 2 Wisconsin engines, 4 cyl.
with clutch reduction and hyd. system; 2 cyl. with clutch reduction;
crop weeder; large propeller fan with engine; 4 tobacco presses;
11,000 tobacco lath; 653 Detroit power unit tractor; wagon load
small items; dairy supplies.

Approximately 30 ton mixed hay

Owner:

Amos K. & Elizabeth Glick

Auctioneer:

Steve

Steve Jr. Petersheim:

215-593-AUCT

AU 001349L



Food on Premises

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

FRI OCT 22 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road 717-249-4511

WED OCT. 27 - 11AM-
Sale 9AM- Judging Dairy
Show Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa

State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511

FRI NOV 26 - 7PM, Feed-
er Cattle Sale Located At
New Holland Sales
Stables, Inc., New Holland,
Pa

DECEMBER

FRI. DEC. 10 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road 717-249-4511.

FRI. DEC. 24 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road. 717-249-4511.

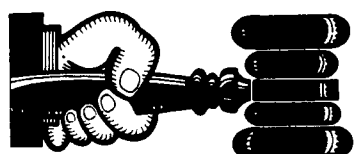
FRI. NOV 26 - 1:30PM,

NOVEMBER

FRI NOV. 5 - 7PM, Horse
Sale. Located At New Hol-
land Sales Stables, Inc.,
New Holland, Pa.

FRI NOV. 12 - 1:30PM,
State Graded Feeder Pig
Sale. Located At Carlisle
Livestock Market, Inc., Exit
13, South Off I-81, Left
Onto Alexander Spring
Road 717-249-4511

FRI. NOV 26 - 1:30PM,



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Steve Petersheim:
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Tuesday of each
week's
publication.

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Produce, Egg, Miscellaneous Auction
Starts At 6 P.M.

Poultry Auctions Start At 7 P.M.

Doors Open At 7:30 A.M.

To Accept Consignments

Open Air Market All

Day And Evening

Doors Open At 7:30 A.M. To Rent
Market Spaces. Over 2.5 Miles Of
Outside Concessionaries And 30,000
Sq. Ft. Under Roof.

**ATTENTION
NEW CONSIGNMENT
FARM MACHINERY DAYS
APRIL, MAY, JUNE
1ST & 3RD WEDNESDAYS**



WEDNESDAYS

Farm Machinery
Consignment Auction



The 1ST & 3RD WEDNESDAY
EVENING OF EACH MONTH
at 6 P.M. sharp.

We are open the preceding Tuesday of
each sale day to check in consignments
from 8 A.M. to 8 P.M. Handling farm
machinery, lawn and garden equipment,
tools, fire wood, cut lumber and related
miscellaneous items. Five auctioneers
operating simultaneously.

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selling truck

load lots by the bale or ton
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Barn Opens at 8 A.M. to Consign

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**SALE EVERY
TUESDAY**

Graded Sale
1st Tuesday each
month
2 P.M.

Horse Auction
2nd Saturday each
month
1 P.M.

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Dairy and Livestock Sales

**NEW HOLLAND
SALES STABLES, INC.**



New Holland, Pa.

Located 12 Miles East of Lancaster, just off Rt. 23

WEDNESDAY, JAN. 6, 1993

11:00 A.M.
HEIFERS

12:00 NOON
MILK COWS



FREE

**Pork & Sauerkraut
Dinner To All Dairymen.**

FREE

SPECIAL NEW YEAR'S SALE

Regular run of locally consigned fresh cows and springers for LEROY
SMUCKER, DALE HOSTETTER and MARVIN ESHELMAN.

SMALL HERD FROM YORK COUNTY

25 Open and Bred Heifers

All AI bred, all stages of production.

Will be pregnancy checked at sale barn.

Sale Managed By

New Holland Sales Stables, Inc.

Barn 717-354-4341

Fax 355-0706

Norman & David Kolb, Mgrs. 61L

717-397-5538

BUY, SELL, TRADE, OR RENT THROUGH THE
CLASSIFIED ADS

**300-350 HEAD
SPECIAL HORSE SALE
WORK HORSES - MULES
DRIVING HORSES**

FRIDAY, JAN. 8, 1993

AT NEW HOLLAND
SALES STABLES, INC.

12 Miles East of Lancaster, Pa.
just off Rt. 23, New Holland, Pa.



Note: Tack Sale 9:00 A.M.

Wagons, Sleighs, Harness, Etc. Horse Sale 10:00 A.M.

- 30 Head Work Horses; 10 pair Sorrels, 3 to 6 year olds; Several pairs gray horses; Several single horses; 10 head mules, all sorrels, con- signed by Ward Wright.
- 1 load work horses from Illinois consigned by Bud Leonard.
- 1 load work horses from Virginia consigned by Billy Meadows.
- 20 Head Top Work Horses consigned by Shy Tipton.
- 20 head work horses and 6 head mules from Tennessee consigned by Bill Pope.
- 8 head Sorrel Mules, 6 head are 3 yr. olds, 16 to 17 hands, real good broke. 1 pair spotted horses, 3 & 5 yrs. old, good broke, consigned by Nathan Stoltzfus.
- 1 load Saddlebred Driving Horses consigned by Christ Z. Stoltzfus.
- 1 pr. mare mule colts, sorrel w/white markings, 6 mos. old.

- 5 loads Standardbred Driving horses consigned by: Jonas Beiler, Elam B. Stoltzfus, Clayton Waterberry, Jerome Wanner, Reuben G. Stoltzfus.

Plus Many More Consignments By Sale Time. For more information call:

Norman or David Kolb- 61L

717-354-4341- Barn • Home- 717-397-5538 FAX# 717-355-0706

Next Horse Sale - Jan. 22, 1993 - 10 A.M.



MELVIN KOLB, INC.

is having a
SPECIAL COW SALE
to start off the new year!

THURSDAY, JANUARY 7, 1993

TIME: 11:00 A.M.

LOCATION: West of Lancaster on Dairy Road, Take Route 283 West to 741 West and go left at exit. Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.

ESPECIALLY SELECTED FOR THIS SALE

175 QUALITY HOLSTEINS 175

- 5** Grade Cows picked from one herd milking over 100 lbs. per day.
- 30** Fancy Fresh Cows from New York State really milking.
- 100** Head of Top Cows from New England States Purebreds and grades, some milking over 100 lbs. These are the best ones picked from several herds that were sold.
- 25** Big Fancy first Calf Heifers fresh and springing. This is a fine group of heavy milking cows for this New Year's Sale.

NEW YEAR'S RESOLUTION!

Attend Mel Kolb's
Sales Every Month Of
1993 For CHOICE HOLSTEINS



SAMPLE OF COWS SELLING

- * A ROUND OAK RAG APPLE ELEVATION Dtr. due Sale Time, Dam 2 yrs. 305d 17,560 3.5 613.
- * A C ALBRECHT RICHMOND-RED-ET Dtr. Fresh, heifer calf, Dam VG-86 pts. 21,880 3.9 846 3.3 724, next dam VG-86 pts. 31,470 3.0 945.
- * A Red & White MR ELM PARK MERIT CATO-RED-ET, Dam 2 yrs. 16,220 3.5 565, next Dam VG-88 23,610 4.5 1055 3.4 804.
- * A Red & White SIR ROCHESTER-RED Dtr., Dam VG-88 22,020 3.4 752.
- * A 3 yr. BRIDON ASTRO JET ET Dtr. Fresh 2 yrs. 16,654 3.5 586.
- * A STRICKLER MGM GAMBLER-ET Dtr. Fresh heifer calves from BEAUTICIAN.
- * A Fancy ASTRO JET Dtr., Dam 19,841 606.
- * An OAK RIDGES TRIUMPH ET Dtr. 2 yrs. 18,426 3.6 654.
- * A GAMBLER Dtr. due to STEADY.
- * An ELEVATION ENCHANTER Dtr. 2 yrs. 14,170 4.5 632, Dam GP BELL Dtr. 21,140 5.0 1065 3.6 768, next dam VG-88 Pts. APACHE 22,140 4.5 991.
- * A HANOVER-HILL SWD DAGGER Dtr. due to HANOVERHILL VICTER 2 yrs. 18,390 574.
- * An OCEAN-VIEW DIXIECRAT Dtr. due to SKOKIE NOEL.
- * A EAVESTAR MONITOR Dtr. 1-11 yrs. 17,190 3.4 579.
- * A KAY ELEVATOR Dtr. 3 yrs. 19,219 3.9 747.
- * A HANOVERHILL LINCOLN Dtr. due Sale Time.
- * A RUSSELDALE PROMISE Dtr., Dam 20,520 3.9 810.
- * A HANOVERHILL LOGIC Dtr., Dam MANDINGO 24,120 4.2 1022.
- * A MARSHFIELD ELEVATION TONY Dtr., Dam BELL 19,780 4.1 811.
- * 2 Service Age Bulls - A BLACK STAR SON, Dam EX over 28,000 milk 1200 fat.
- * Several heifer calves from these good cows.
- * Many more good ones not in this ad. Will be catalogued for Sale.

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Please call: (717) 569-6800 or (717) 569-2106
by 5:00 P.M., Wednesday, January 6, 1993

SALE MANAGERS: Dennis & Mel Kolb
PEDIGREES: Henry Kettering
AUCTIONEER: Robert C. Mullendore
(000644-L)

PA FARM: 2220 Dairy Rd.
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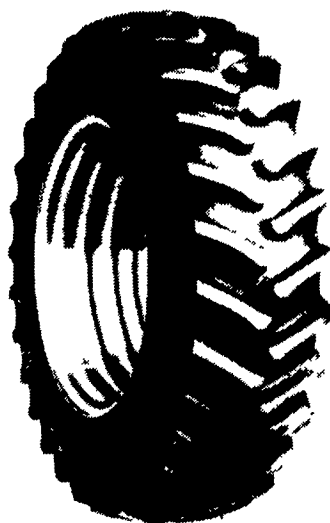
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20.8R34★	\$920.00
23.1R34★	\$1100.00
16.9R38★	\$574.00
18.4R38★	See Special..... ~~\$590.00~~
18.4R38★ ★	\$720.00
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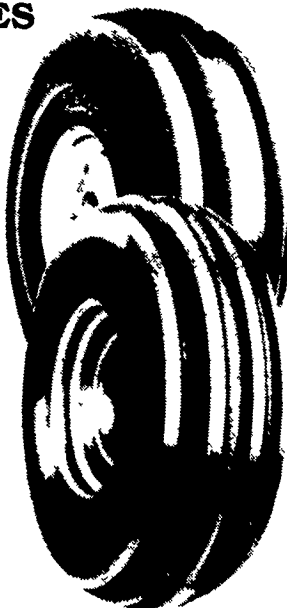
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4 RIB

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16.9R30★ ★	\$620.00

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11.2-24, 4 Ply	\$135.00
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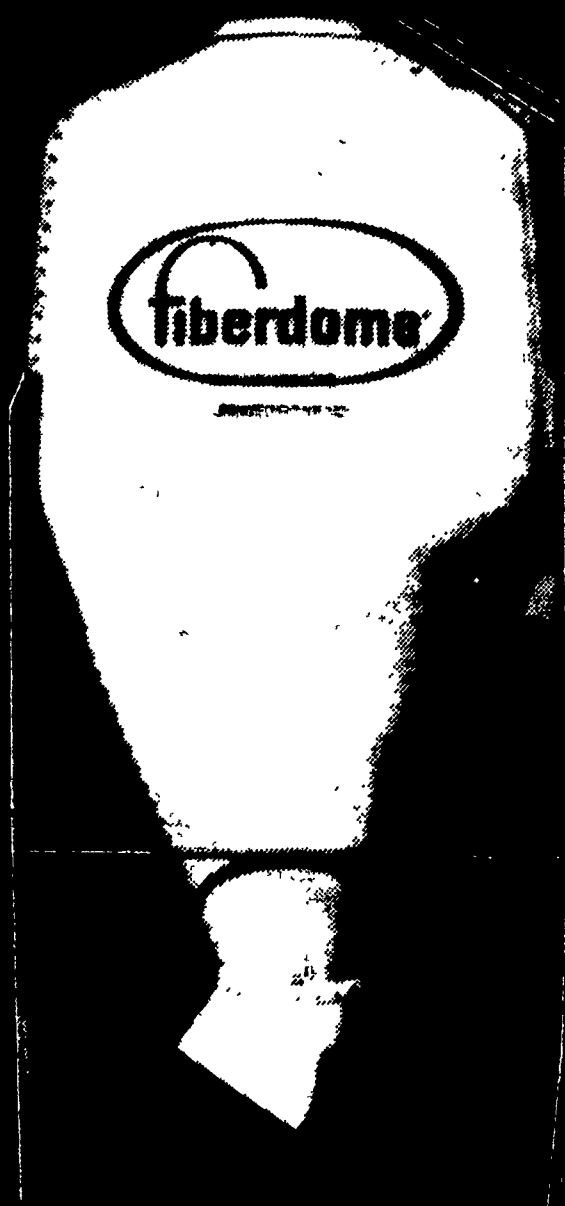
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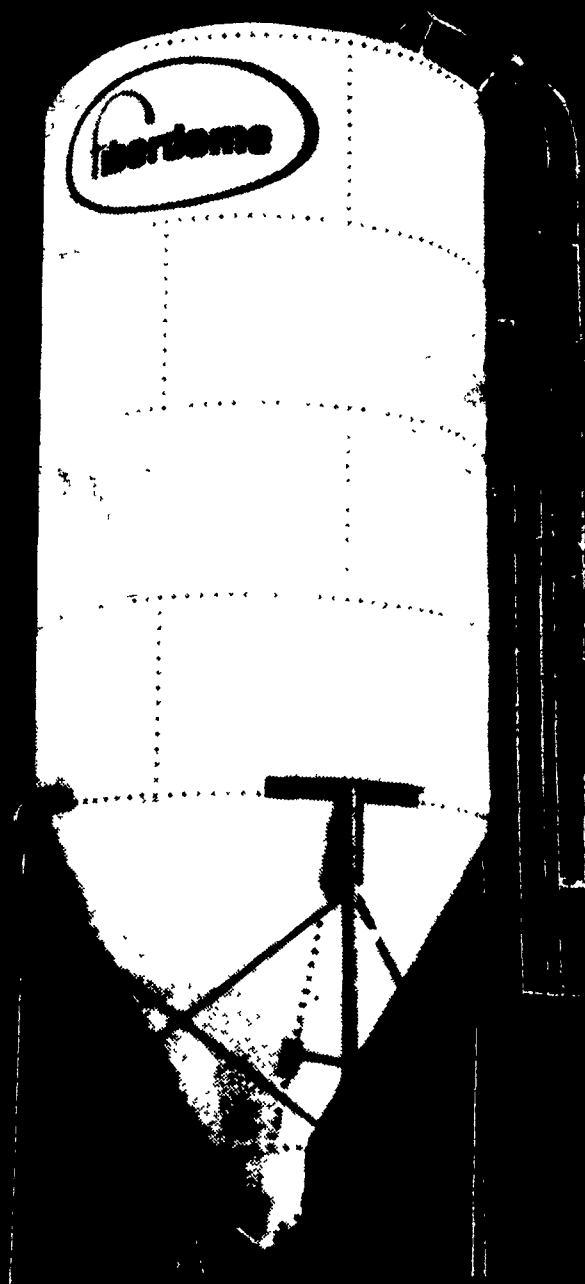
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PULLET GROWOUT AND FLOCK UNIFORMITY

Robert F. Wideman, Jr.
Professor of
Avian Physiology
Dept. of
Poultry Science

Several years ago I participated in a symposium on bone problems in chickens. I was asked to provide an audience of poultry veterinarians with a brief review of the interactions between dietary calcium, egg production, bone mineralization, and kidney function.

The biological systems

involved in calcium metabolism are complex, and my presentation contained too much detail; however, at least one of the attending veterinarians came away from the meeting with a renewed understanding of my take-home message.

Recently, that veterinarian contacted me to discuss a bone weakness problem that was causing birds to die in a customer's flock of relatively young hens. He believed the hens had been fed too little calcium prior to coming into egg production. He also recalled hearing me say that feeding too much calcium to young pullets can cause kidney damage. So he was uncertain about the earliest age when

high calcium prelayer rations should be fed to young pullets.

Research available at the present time indicates that high calcium prelayer rations increase the amount of calcium present in the bones of immature pullets. There is no doubt that bone mineral can be depleted during eggshell formation if the levels of calcium in the feed are inadequate.

However, high calcium prelayer rations cause the bones of immature pullets to store only enough "extra" calcium to form approximately two eggshells. After this "extra" mineral has been used, calcium for subsequent eggshells must be obtained from the feed or from "structural" bone.

Research indicates that feeding high calcium to immature pullets does not permanently alter the biology or composition of bone after those pullets mature into egg laying hens. Consequently, there is no biological basis for claims that calcium levels above 1 percent in the diet are needed by pullets *until they begin producing eggs*. After the onset of egg production, calcium for eggshell formation must be available in the feed, otherwise "structural" bone mineral will be used and the bones will weaken.

Although excess dietary calcium does not appear to perma-

nently alter the bone biology of growing pullets, very strong evidence indicates that feeding excess calcium to growing pullets can trigger kidney damage in some Single Comb White Leghorn strains, particularly when specific types of infectious bronchitis virus are present (see Wideman and Lent: "Producer's Guide to Kidney Damage" in *Egg Industry*, Jan/Feb 1991, pages 24-30).

Our research also has shown that calcium-induced kidney damage is accelerated when phosphorus levels in the diet are reduced. These adverse responses to high calcium prelayer rations have become well known, but economic considerations often encourage pullet growers to use high calcium prelayer rations in immature pullets before egg production begins. For example, feed containing high calcium and low supplemental phosphorus is significantly less expensive than a standard pullet grower ration.

If we only consider the biological needs of the bird, then extra calcium need not be fed until the pullets begin egg production. This strategy would prevent immature pullets from receiving excess calcium; however, not all pullets come into production on the same day. In fact, even when pullet flock uniformity is outstanding, several weeks may pass between the age at which the first pullets begin to lay eggs and the age at which all pullets in the flock are laying eggs. Consequently, if we wait until the

flock has reached 10 percent egg production before providing extra calcium, then 10 percent of the birds will have been using "structural" calcium from the skeleton to form eggshells, and 90 percent of the birds will receive extra calcium that they do not yet need.

If flock uniformity is poor, then several extra weeks may elapse between the time when the earliest maturing pullet produces an egg and the time when 10 percent production is reached and extra calcium is fed. This lack of flock uniformity may cause bone weakness in 5 percent to 10 percent of the young hens in a flock. One rule of thumb to help minimize this possibility is to feed pullets extra calcium five days before the flock is expected to produce its first eggs.

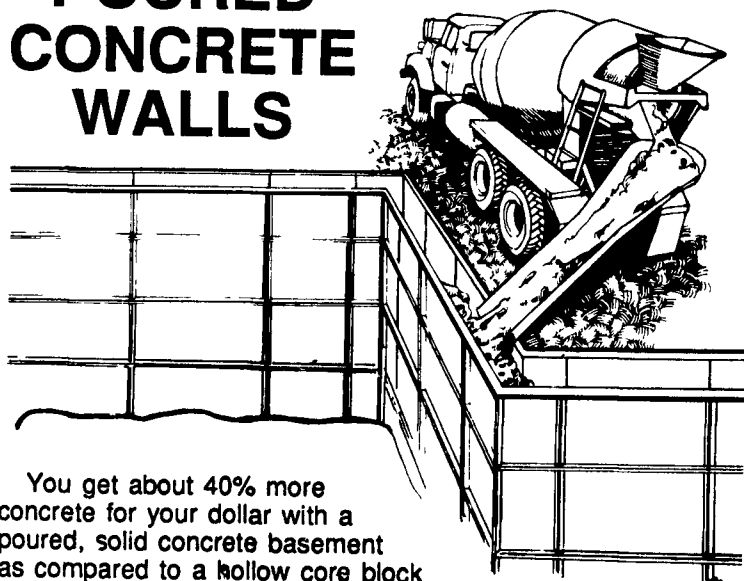
Based on his understanding of the biological needs of growing pullets, the veterinarian virtually eliminated the bone weakness problem in his customer's pullet growout program by adding calcium chips as a "free choice" source of extra calcium during the late stages of pullet growout, and by slightly increasing dietary available phosphorus to encourage bone mineral formation and reduce any kidney damage that potentially might be caused by the extra calcium. This solution worked for sound biological reasons; however, a long-term solution to the problem would require substantial improvement in pullet flock uniformity, thereby allowing all pullets to begin laying eggs within a 2 to 3 week interval.

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Become A Forest Steward

TOWANDA (Bradford Co.) — The values of the American public have been changing as they relate to the nation's forests. The people of the country, including the people of Pennsylvania, are expecting more than just a supply of wood from our forests.

This has put increasing pressure on public lands such as those administered by the U.S. Forest Service and the Pennsylvania Bureau of Forestry and this will eventually affect private woodlands as well. This is not necessarily a bad trend. The people of Pennsylvania expect those who own forest land, both public and private, to practice forest stewardship.

Stewardship, as defined in Webster's Ninth New Collegiate Dictionary, is "the individual's responsibility to manage his life

and property with proper regard for the rights of others." Forest stewardship entails the management of a forest property to insure a supply of a variety of forest resources in the future and to meet the objectives of the owner while minimizing the environmental impacts, such as erosion and sedimentation of Pennsylvania's streams and rivers.

How to become a forest steward? In Pennsylvania, there is "the Forest Stewardship Program." This is a federal program that is administered by the Pennsylvania Bureau of Forestry. There are two parts to this program, with

the goal of encouraging forest landowners to manage their forest resource wisely. The first part of the program is the knowledge and awareness phase. The purpose of this section is to provide landowners the information they need to establish objectives and make wise management decisions pertaining to their woodland to meet those objectives. The second part of this program is the cost-share incentives, known as SIP, that help landowners pay for the cost of carrying through with the activities that need to take place on their individual properties to meet their objectives.

The practices approved for assistance include many more than the old forestry incentive programs. Practices that can receive cost-share assistance in Pennsylvania include:

- Stewardship Management Plan development (a landowner must have an approved stewardship plan before he or she can participate in the other cost-share programs).

- Reforestation — planting trees or encouraging natural regeneration on previously forested areas or afforestation (planting trees or encouraging natural regeneration on previously non-forested areas such as old fields).

- Forest improvement, such as thinning of non-commercial tim-

ber stands.

- Soil and water protection and improvement.
- Riparian and wetland protection and improvement.
- Fisheries habitat enhancement.
- Wildlife habitat enhancement.
- Forest recreation enhancement.

The Forest Stewardship Program is a great opportunity for forest landowners to obtain the maximum benefits from their woodlands.

For more information, contact your local Pennsylvania Bureau of Forestry service forester or Bob Hansen at the Bradford County Extension Office (717) 265-2896.

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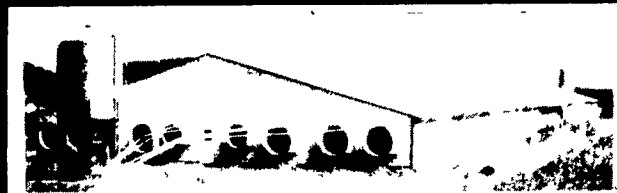
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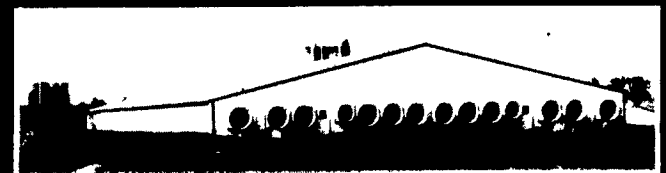
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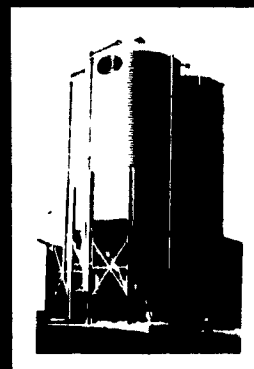


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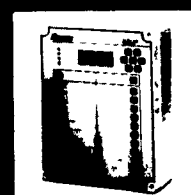
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Pennsylvania PRV HEADLINES



A bi-weekly communication from
PA Pseudorabies Committee and Penn State Extension
to alert you to developments in PRV and its control

GENE-DELETED VACCINES

Carolyn M. Burns
Veterinary Science
Extension Assistant
Penn State

Paul M. Pitcher, D.V.M.
Field Veterinary
Medical Officer, USDA

Vaccination against pseudorabies is an effective way to control signs of the disease and to prevent new infections in the swine herd.

New infections can come from older, infected pigs within the herd or from neighboring farms which may be infected. If new infections are effectively prevented, a herd or an area will eliminate pseudorabies as older, infected pigs are moved to market.

This is the time of the year when most new infections occur, so it is important to give your herd maximum protection now.

Effective control of pseudorabies using vaccine depends on proper timing of vaccination and on proper vaccine handling. The entire herd, including boars, should be vaccinated every 3 to 4 months.

If sows and gilts are vaccinated just before farrowing, pigs will be protected by maternal antibodies in the colostrum for the first 8 to 12 weeks. Young pigs should be vaccinated at 10 to 14 weeks of age.

One dose of vaccine may not be enough to prevent pseudorabies infection through to market weight, so it is a good idea to give a booster vaccination to feeder pigs three weeks later. Home-raised replacement gilts should receive two doses of vaccine at the grower stage and another dose at breeding age.

Purchased herd additions will usually be vulnerable to pseudorabies infection when they arrive on the farm. They should be vaccinated twice — as soon as they arrive and again three weeks later.

Pseudorabies eradication has become easier with use of new gene-deleted vaccines. This vaccine allows vaccinated swine to be differentiated from swine which have been naturally infected with pseudorabies virus.

Gene-deleted pseudorabies vaccines have a part of the viral genetic structure removed. A differential blood test for antibodies to the deleted gene makes animals infected with field-strain virus distinguishable from vaccinated animals.

An uninfected, vaccinated pig will test negative with the differential test, while a pig infected with field-strain pseudorabies virus will test positive. Different brands of vaccine have different gene deletions. Your veterinarian can help you choose which brand of vaccine is best for your herd.

It is important to stay with one brand of vaccine and not switch to another brand. If brands of vaccine are switched, it can become impossible to tell a vaccinated pig from a pig naturally infected with pseudorabies. The lab running the test must know which vaccine was used in the herd being tested. Remind your veterinarian of which vaccine was used in the herd so that it can be

New Equipment Keeps Chicks Healthy

NEWARK, Del. — Raising a flock of broiler chickens is a practical part of the University of Delaware's course in poultry management. Students learn about birds as well as equipment at the College of Agricultural Sciences research and teaching farm in Newark.

"Naturally we want our students to learn on the most modern equipment available," said Bob Alphin, who manages the poultry unit. Alphin teaches the course with cooperative extension poultry specialist Dan Palmer.

A new watering system, recently donated by Val Watering Systems through field representative Jay Onley, will help keep students up to date. Additional installation materials were donated by G&M Sales of Delmarva Inc. through president Paul Ferrier.

"With this nipple watering system, students will be in step with industry advances," Alphin said. "Seventy percent of industry growers now use nipple waterers instead of other open watering systems. The nipple systems dispense water from a closed tube that keeps the water protected. When a chicken's beak pushes against a trigger, a drop of water is released through a nipple."

Nipple watering systems have helped reduce higher than normal levels of sickness and mortality in

some farms, Alphin said. They also contribute to improved poultry management by better controlling litter moisture, caking, and excessive ammonia in poultry houses.



Perdue Farms representative Lauren Newman, a recent graduate of the College of Agricultural Sciences, shows students how to teach chicks to drink from a nipple watering system.



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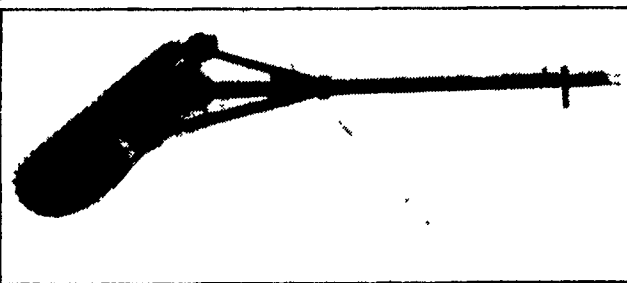
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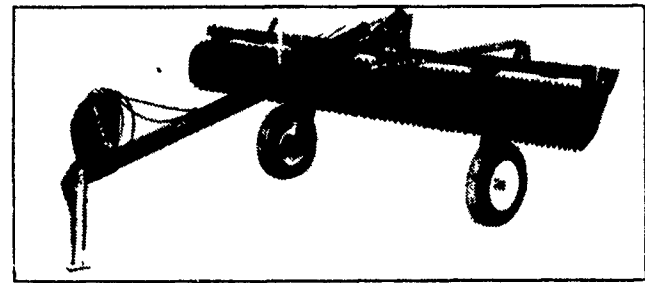


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Common Plants Can Poison Domestic Animals

UNIVERSITY PARK (Centre Co.) — As Pennsylvania's suburbs expand into rural and agricultural areas, farm neighbors need to be aware that their actions can have serious effects on farmers' livelihoods. Discarding lawn trimmings in a neighboring farm's pasture, for instance, can have dire consequences for livestock.

"Pennsylvania has about 100 toxic plants, some of which kill numerous livestock and pets every year," said Kenneth L. Winebark, Lebanon County extension agent. "Always consult with neighboring farmers before throwing yard waste over their fences. You might save an animal's life."

"People may believe they're helping the animals when they toss cuttings over a fence," Winebark said. "They may think they're giving the neighbor's cows or horses a treat. But they should never offer an animal any plant without checking with the owner first."

Accurate statistics are unavailable, but it's estimated that several thousand animals die annually from plant poisoning in the U.S. In 1991, seven Lebanon County cattle were poisoned by yew trimmings discarded in their pasture.

"Yews are very popular evergreen shrubs, but the entire plant contains poisonous alkaloids," said Winebark. "Poisoning symptoms can include tremors, vomiting, weakness, breathing difficulty and convulsions, but death is sometimes so rapid that few symptoms appear. Survival is rare."

Pennsylvania has many other common poisonous plants.

Bracken ferns are characterized by spore-bearing structures found either on the underside of leaves or as separate, modified leaves. "The entire plant is poisonous fresh or dried," said Winebark. "It causes different symptoms in ruminants (sheep, cattle, and goats) than it does in single-stomached animals, such as pigs and horses."

"Ruminants develop rough coats, become listless, and suffer nasal and oral discharges about a week before serious symptoms occur, while pigs and horses show anorexia and incoordination. These symptoms can be followed by elevated temperatures, swelling of the neck, and breathing difficulty."

English ivy is known for its hardiness and qualities as an excellent ground cover and landscaping plant, but the vine is poisonous both to humans and livestock. "In sufficient amounts, the small black berries and leaves of English ivy can cause irritation, nausea, breathing difficulty, severe diarrhea, thirst, and even coma."

The holly family is represented in Pennsylvania by common holly and mountain holly. "Common holly has poisonous berries that cause vomiting, diarrhea, and stupor when consumed in large amounts," said Winebark. "The berries aren't very palatable to livestock, but isolated poisonings have occurred."

"The iris also is a common ornamental plant," Winebark said. "Many iris contain an irritant in

the leaves or rootstock that produces gastroenteritis if consumed in sufficient amounts. All types of livestock can be poisoned after eating iris."

Wild morning glory can be found in fields, thickets, and waste places as well as along roadsides. In addition many people grow cultivars. "Morning glory leaves and stems are toxic, while the seeds of some species are hallucinogenic," said Winebark. "Morning glory causes stomach pain along with explosive diarrhea, frequent urination, and depressed reflexes. Prolonged consumption can cause death. Hogs, sheep, cattle, and goats are especially susceptible to poisoning by this plant."

Native or wild mountain laurel and its relatives rhododendron and azalea are poisonous to all livestock. "Symptoms include profuse salivation, loss of energy, low blood pressure, incoordination, dullness, vomiting, and frequent defecation," Winebark said. "The animal then falls into a coma before dying."

Acorns and young shoots of oak trees also can poison animals, especially if consumed in large amounts. "Cattle, sheep, horses, and swine have been known to be poisoned by oaks," said Winebark. "The symptoms include anorexia, initial constipation which passes into diarrhea if the animal lives, gastroenteritis, thirst, and excessive urination."

The leaf stem of rhubarb is used in food, but the flat leaf blade contains oxalic acid and possibly other toxins. "All classes of

domestic livestock can be poisoned by rhubarb leaves," said Winebark. "Symptoms include staggering, excessive salivation, and convulsions. The animal can die within three to five hours after symptoms appear."

Wild cherry is probably the most common cause of livestock poisoning. "Animals are exposed to risk when limbs are blown down or are trimmed and thrown into a fenced area," said Winebark. "Leaves, twigs, bark, and

cherry pits can poison all livestock species. Symptoms can include anxiety, staggering, convulsions, and dilated pupils. After the initial symptoms, the animal becomes quiet, bloats, and dies within a few hours."

More information on poisonous plants is available in "Please Don't Kill My Cow," leaflet available from Penn State Cooperative Extension in Lebanon County, 2120 Cornwall Road, Suite 1, Lebanon, PA 17042, (717) 270-4391.

Proceedings Of Soil Fertility Conference Available

NORCROSS, Ga. — Proceedings of the 1992 North Central Extension-Industry Soil Fertility Conference held annually in St. Louis, Mo., are available through the Potash & Phosphate Institute. The 1992 meeting was held in St. Louis, November 18-19.

The conference, the 22nd in a series, included state and provincial reports on current research in the area of soil fertility, nutrient management, crop production, and environmental protection.

Specific focus areas of the meeting and the proceedings include evaluation of preplant soil nitrogen tests for corn and other crops, assessing sources of groundwater nitrate, in-field determination of anhydrous ammonia applicator accuracy, enhanced ammonium nutrition of spring wheat, effects of residue density on the response of no-till corn to nitrogen and nitrification

inhibitors, comparative studies of conventional and reduced input farming systems, the role of land tenure and other factors in soil phosphorous interpretations, responses of ridge-till corn to potassium, tillage-fertilizer placement equipment and residue compliance, and an update on Soil Conservation Service nutrient management plans.

States and provinces in the region covered by the conference include North Dakota, South Dakota, Nebraska, Kansas, Minnesota, Iowa, Missouri, Wisconsin, Illinois, Kentucky, Michigan, Indiana, Ohio, and Ontario.

Copies of the proceedings (Volume 8) are available at a cost of \$15 in U.S. funds. Copies of earlier volumes are also available at a cost of \$15. Contact the Potash & Phosphate Institute, 2805 Clafin Road, Suite 200, Manhattan, KS 66502, (913) 776-0273.

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Steve Funke, Vigortone Director of Training, left, congratulates Vigortone Area Sales Manager Mike States of Mohrsville upon successful completion of the Vigortone Sales Management Institute Production Management School held recently at Cedar Rapids, Iowa.

Sales Managers Attend Production School

CEDAR RAPIDS, Iowa — Vigortone Area Sales Managers Milk States of Mohrsville, Pa. and Ron Hershey, Sr. of Strasburg recently attended a special Vigortone Production Management School.

The four-day school was held in the main office of Vigortone Ag Products at Cedar Rapids, Iowa, with participants from across the U.S.

Vigortone veterinarians, nutritionists, and product managers conducted the intensive training sessions. The managers learned about livestock nutrition, herd

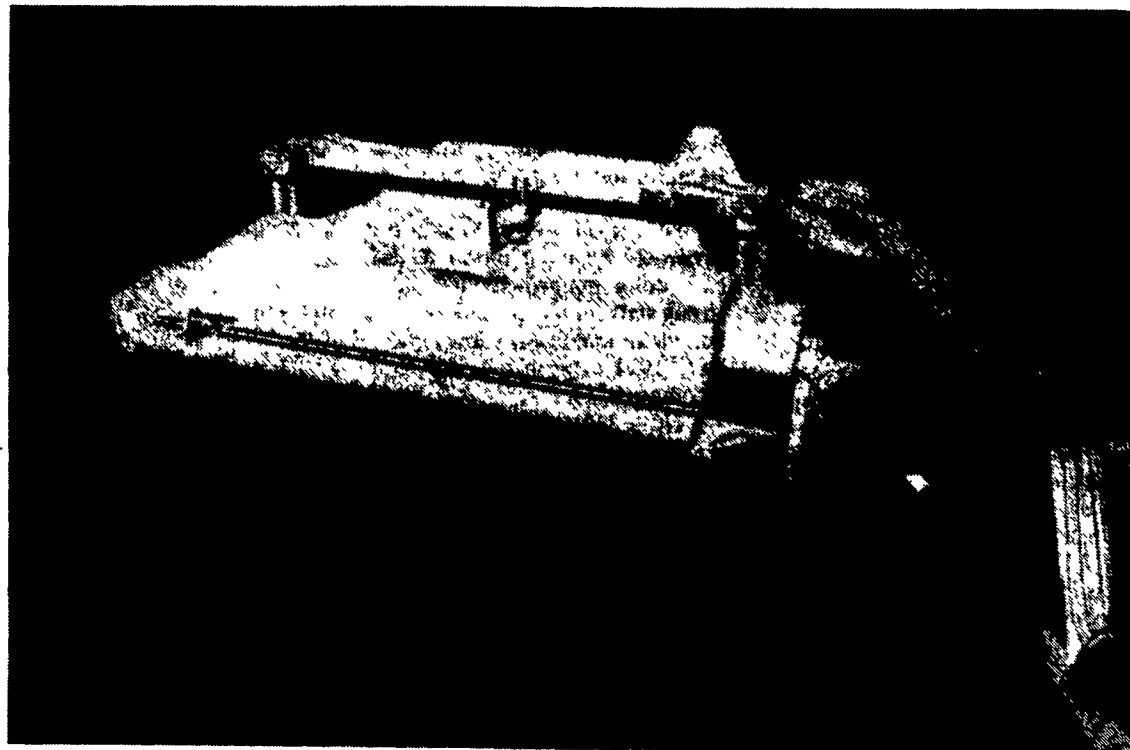
health, management, and the proper use of premix and mineral products.

According to Vigortone Director of Training Steve Funke, the school gave select Vigortone Area Sales Managers broad training in the areas of swine, dairy, and beef production.

"Vigortone provided this school to give its Area Sales Managers the latest technical information," said Funke. "This helps our feed sales professionals work with producers in a consultative role to maximize production, minimize feed costs, and solve livestock problems on farms."



Vigortone Director of Training Steve Funke, left, congratulates Vigortone Area Sales Manager Ron Hershey Sr. of Strasburg upon successful completion of the Vigortone Sales Management Institute Production Management School held recently at Cedar Rapids, Iowa.



The new Vermeer RC 7120 mower/conditioner operates at a cutting width of 9'2" and is capable of moving efficiently at speeds up to 9 mph.

Vermeer RC 7120 Mower/Conditioner Cuts Tough Stuff

PELLA, Iowa — A new rotary, disc-style mower/conditioner designed to handle hard-to-cut crops as well as rugged field conditions has recently been introduced by Vermeer Manufacturing Company.

The new Vermeer RC 7120 mower/conditioner operates at a cutting width of 9 feet 2 inches and is capable of mowing efficiently at speeds up to 9 miles per hour. It comes equipped with an adjustable cutter bar and seven counter-rotating, synchronized cutting discs for fast, reliable cutting action, even when encountering tough, wet, wiry crops or punishing field conditions.

A direct-drive gearbox powers the working components. The cutting bed is driven by a continuous through-drive shaft, rather than a series of gears. In effect, each cutting disc is self-contained and pre-packed with its own set of gears, bearings, and lubricant. Simply by removing the end support (along with a skid shoe on each disc), the operator can quickly slide individual discs off for repair or replacement.

The 3600-pound unit is designed for operator protection and safety. It features a heavy tubular frame and steel panel construction. The fold-back hood provides easy access to the cutting bed. The protective side curtains, which underwent an extensive puncture-test study by Vermeer, consist of heavy duty single-ply rubber (up to 250 percent thicker than curtain material found on competitive units). The replaceable swing-away cutting knives are heat-tempered, shatter-resistant, and reversible for longer life.

For fast, dependable drydown, special long-wear conditioning rolls are integrally designed with the cutter bar and can be adjusted in seconds to ensure smooth, even conditioning as crops and conditions vary. A simple manual screw adjustment fine tunes roll spacing and crimping pressure. No tools are required to change the setting for windrow widths, which are adjustable from 30 to 78 inches.

If a crop plugs the conditioning rolls, the operator can clear the plug right from the tractor seat by stopping, hydraulically raising the machine, and powering out the plugged material as soon as the conditioning rolls are sufficiently separated.

The Vermeer RC 7120 is also

the only mower/conditioner in its class with a standard feature that allows you to cut in both the offset position or directly behind the tractor. The unit is equipped with two constant velocity Walterscheid PTOs (mounted in series) that enable you to operate at full speed through the entire range of

cutting positions with smooth chatter-free performance.

The RC 7120 transports at a narrow width of 10 feet 10 inches and is towable at maximum highway speeds. A lock pin on the swing-tongue provides added safety and stability during transport.



The Quadrant 1100 square baler from Claas of America, IN, produces 32 inch x 20 inch x 79 inch dense bales that can be efficiently handled, stacked, and transported and the bales divide easily into flakes, simplifying feeding and bedding.

Square Baler Produces Dense Bales

COLUMBUS, Ind. — The Quadrant 1100 square baler from Claas of America, Inc. produces 32 inch x 20 inch x 79 inch dense bales that can be efficiently handled, stacked, and transported.

Once twine is removed, the bales divide easily into flakes, simplifying feeding bedding. For silage, the bales can be stacked and covered to create an airtight package, ensuring excellent fermentation and reducing spoilage.

Built for high production, the reliable 1100 features a 71 inch

wide pickup. It bales short or brittle dry hay, straw, or silage quickly and effectively.

Powerful transmission, heavy-duty worm gear, 1000 RPM PTO, adjustable density, and 2-stage prechamber are standard. Other features include central lube banks, four shaft-driven knotters, universal drive shaft, and a 16-ball capacity twine box. Sisal or plastic twine may be used.

For more information, contact Claas of America, Inc., 3030 Norcross Drive, Columbus, IN 47202, (800) 368-1516.



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NC+ Announces 1993 Seed Lineup

LINCOLN, Neb. — NC+ Hybrids' 1993 seed lineup is stacked with quality hybrids and varieties that will give farmers an edge in producing exceptional crops, according to NC+ Hybrids President Gary Duncan.

"In fact," Duncan said, "the six new corn hybrids we are releasing this year are the hottest we have ever introduced in any one year."

The company, headquartered in Lincoln, Neb., conducts extensive tests on all products prior to release. Each product released exhibited superior characteristics during breeding and research trials, Duncan said.

Duncan said NC+ has never had a more complete line of products.

"Our new releases add a level of depth to our line that is nearly unmatched," Duncan said. NC+'s complete line of corn hybrids stretches across 30 states and ranges in maturity from 89 days to 122 days.

Dean Douglas, who manages seed production at NC+, said the company's seed supplies are excellent.

"The seed looks just beautiful," Douglas said. "And we have plenty of seed."

Douglas said that while it was a challenging year for seed production, the farmers who own NC+ and grow seed for the company rose to the occasion.

"Our grower/owners' 35 plus years of production experience helped them overcome any weather challenges," Douglas said.

Duncan said NC+'s seed quality is high because the company was prepared for fluctuating weather.

"A few years ago our grower/owners saw a need for additional drying space to deal with a year like this one without pushing the seed too fast," Duncan said. "Investments were made and now we have tremendous dryer space."

NC+ corn

Duncan said the following new-

ly released NC+ corn hybrids will fit into the cropping plans of Northeastern farmers:

- NC+ 1991: (99-day maturity) A widely adapted hybrid. Good early color and growth turn into a strong stalk with large ears. Excellent yields and fast drydown make NC+ 1991 a top choice for high income per acre.

- NC+ 2844: (104-day maturity) Superior yields from girthy ears make this hybrid a top choice in this maturity. Rapid drydown makes NC+ 2844 a perfect fit for the early slot in your harvest.

- NC+ 6485: (116-day maturity) Extensive testing confirms outstanding yields over a wide area. New genetics combine to produce large girthy ears and excellent food corn potential.

- NC+ 6959: (117-day maturity) An attractive hybrid with medium-tall plants that combine excellent standability and stay-green with very good tolerance to foliar diseases.

- NC+ 6555W: (116-day maturity) This new white hybrid can handle moisture stress and has very good standability under a wide range of populations from Indiana to Nebraska and south to the High Plains.

- NC+ 7161W: (117-day maturity) A white hybrid with excellent yield potential and standability. This Texas Supreme-approved hybrid has fast drydown and excellent grain quality.

Forage sorghums

Duncan said NC+ is also releasing two new forage sorghums. The additions round out NC+'s forage line. They are:

- NC+ NUTRI-CANE II: An improved version of the original NUTRI-CANE, NUTRI-CANE II offers enhanced yield power, increased feed value, and added sweetness from increased sugar content.

- NUTRI-CHOICE: A unique, semi-dwarf forage with a high grain-to-stover ratio. Best suited

for early harvest, high-grain silage. NUTRI-CHOICE matures 7 to 10 days earlier than other shorter stature forage sorghums.

Soybeans

Duncan said NC+ has added strength in its soybean lineup, thanks to the addition of three new varieties. They are:

- NC+ 2A42: (Mid Group II) A top choice for conventional, no-till drilled or 30-inch row beans. Thrives under high fertility and good management. Phenomenal adaptability. Combines excellent

standability with good disease tolerance. Proven to be a tremendous yielder.

- NC+ 2A93: (Late group II) A medium-tall, thin line variety made to order for no-till acres. Has improved standability and phytophthora tolerance.

- NC+ 3A51: (Mid Group III) Across the soybean belt, this is one to watch. Narrow, upright plants stand strong, perform well in all row widths. Offers improved tolerance to phytophthora and iron chlorosis.

Duncan said that, despite a late harvest in many areas, NC+ has compiled extensive plot data on new and existing hybrids.

"Our hybrids and varieties have proven themselves," Duncan said. "The information is available through our FARM PLOT Testing Program."

For more information, see your local NC+ Dealer or contact Wes Zart at NC+ Hybrids, (402) 467-2517 or write NC+ Home Office, 3820 N. 56th Street, P.O. Box 4408, Lincoln, NE 68504.

Nutrition Research Provides Support For Demand-Building Programs

CHICAGO, Ill. — The National Live Stock and Meat Board, founded in 1922, has depended on research as the cornerstone upon which the organization has built its factual and credible programs.

Recently, the beef and pork nutrition research subcommittees of the Meat Board approved seven research projects that will strive to provide the industry additional information to support the role of meat in the diet.

The seven research projects represent a leveraged investment from beef, pork and lamb checkoff dollars. The research studies, totaling nearly \$474,000, will be conducted at seven universities, and will focus on meat's contribution to the total diet, nutrient metabolism and physiological maintenance and diet/health issues.

One of the projects, conducted at Tulane University Medical Center, will investigate the contribution of meat products to overall nutritional quality and adequacy of dietary intakes in children and young adults.

Two studies will examine nutrient intake, bioavailability, and nutritional status. Researchers at Texas Tech University will study

the bioavailability of the trace element selenium in beef, veal, pork, lamb, and assess the role of meat in contributing to the recommended daily allowance for the nutrient. A study at the University of California-Berkeley will analyze meat intake and zinc status in young and older women to determine potential zinc deficiencies. The researchers say if poor zinc status can be diagnosed, the addition of highly available sources of zinc, such as meat, could be recommended to overcome the deficit.

Four different studies at the University of Tennessee-Memphis, University of Alabama at Birmingham, Brandeis University, and the University of Georgia will explore

the relationships of dietary fat intake and heart disease, cancer, and diabetes occurrence.

The results from the research could help answer specific questions of importance to nutrition and health professionals and help the industry respond more directly to criticism of meat in the diet, according to Louise Willey, research committee co-chairman and California beef producer.

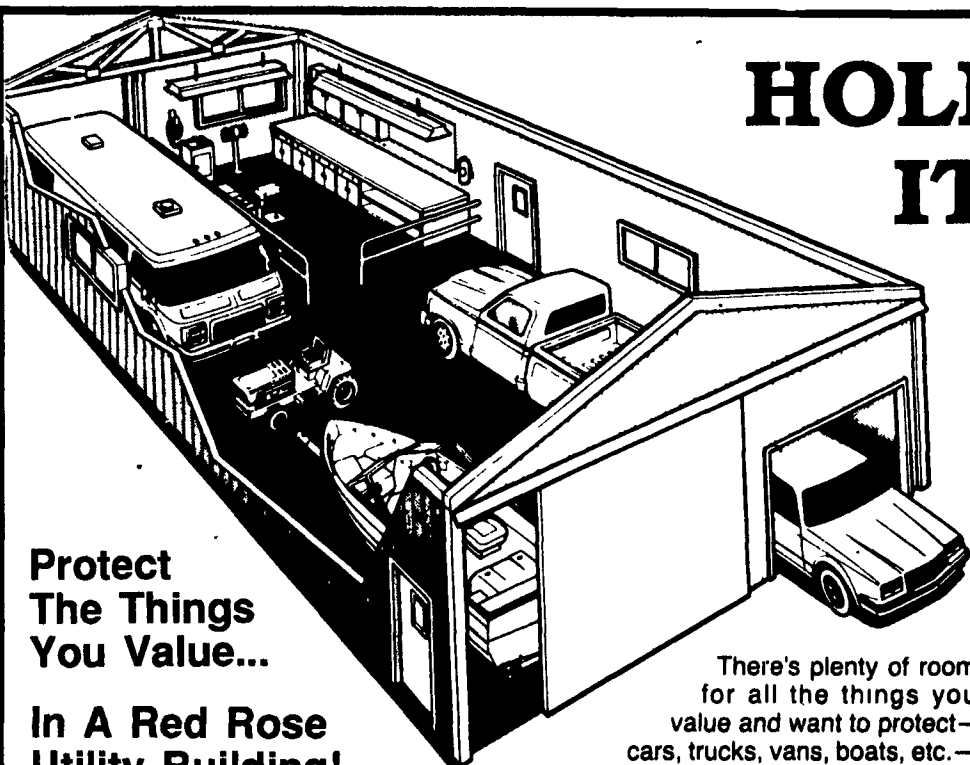
"All industry programs use data collected from research to create strategies and messages that tell people about meat's proper role in a healthful diet," Willey said. "Research really works behind the scenes to give our industry the factual foundation needed to conduct all our demand-building programs."



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Case Products Named Among AE 50

RACINE, Wis. — Five products designed and built by J I Case were selected among the Agricultural Engineering 50 for outstanding innovation in product or systems technology for 1992.

The Case International 7150 Magnum® Tractor, 2055 Cotton Express® Adjustable-row Cotton Picker, 4200 Combo-Mulch Finisher, 5500 Folding Grain Drill, and 7500 Moldboard Plow all were listed on the AE 50.

A panel of national engineering experts chosen by Agricultural Engineering magazine reviewed top developments from component/material suppliers, equipment manufacturers and systems developers. The panel then selected for the AE 50 those developments that "embodied the application of new technology or the innovative application of an older technology," according to the magazine.

"J I Case was founded 150 years ago by Jerome Increase Case, a man who saw one of the first threshers ever built and couldn't rest until he made it better," said Rich Christman, Case senior vice president, sales and marketing-North America. "The

thresher he built was the first not only to thresh the grain but also to separate the grain from the chaff.

"Today at Case, we continue to apply that same kind of dedication to equipment engineering. In fact, we've established the philosophy 'Designed and built without compromise' to reflect the way we do business, and we stand by it," said Christman. "Each of the five Case International products selected for the AE 50 demonstrates improvements and innovation worthy of this recognition."

"The Case International 7150 Magnum Tractor wins on both counts," said J.R. "Russ" Green, Case product manager, two-wheel-drive tractors. "When the company introduced its first Magnum tractors five years ago, it set a new standard in row-crop tractors, and recent improvements take the line even further.

"Magnum tractors are the field leaders with 18-speed full powershift transmissions, in-cab pressure-flow-compensating hydraulics, superior visibility, and ease of serviceability," said Green. "And we go out into the field regularly, talk at length with our customers,

and apply their input to be sure we keep these tractors at the technological forefront."

The 7150, the highest horsepower mechanical-front-drive tractor available in the marketplace, is one of the results of these conversations. With the addition of the 7150, the Magnum line includes five tractors that range from 130 to 215 PTO horsepower.

"Our engineers made several changes to the Case 6TA-830 engine to increase PTO horsepower and torque rise delivered by the 7150," Green said. A special high-pressure fuel injection pump, wastegate turbocharger, new cylinder-head design, and stronger camshaft are among the technologies that augment the 7150's power.

Other enhancements to the Magnum line based on customer feedback include making multiple-gear shifting easier and improving hydraulic couplers.

"Our innovations in implements are also based on customer input," said Ron Morishita, Case product manager, four-wheel-drive tractors and implements.

"Farmers are concerned about complying with the 1990 farm bill which requires improvements in soil conservation," Morishita said. "The Case International 4200 Combo-Mulch Finisher is a machine designed with that concern in mind."

The 4200 lets operators mulch and finish in a single pass. In other words, they combine their secondary tillage needs to reduce time, soil compaction, and fuel and labor expenses.

"The 4200 goes beyond seedbed preparation, providing excellent chemical incorporation, with 6.7-inch shank spacing, the narrowest in the industry," said Morishita.

The 4200 Combo-Mulch Finisher comes in six sizes — two rigid and four folding — to serve



Specially engineered to deliver 215 PTO horsepower, the Case International 7150 Magnum® Tractor is one of five Case products recently listed among the Agricultural Engineering 50 for exceptional technological innovation.

all farm sizes, with a maximum 15.4-foot transport width.

The 5500 Folding Grain Drill, which comes in conventional and minimum-tillage versions, provides precise metering for small grain seeds such as wheat, barley, clover and sorghum. It is specially designed to provide uniform depth control, with a flexible frame that moves up to 7 degrees upward or 10 degrees downward at each wing end.

It folds conveniently to a transport width of only 13 feet 8 inches and is unique in that the entire folding and unfolding process can be completed from the tractor seat in a matter of seconds. "This is a customer-driven feature that really makes a difference for the operator," said Morishita.

"The minimum tillage model also features proven staggered, offset double-disk openers, technology converted from our 5400 Min-Till Grain Drill," he said.

"The 7500 Moldboard Plow was another implement designed by and for customers," said Morishita. He indicated that Case conducted extensive surveys to determine customer needs and require-

ments for a new line of plows. Responses indicated the need for plows that were stronger and more versatile and that had a high degree of parts commonality so parts would be more readily available from their local dealers.

"The 7500 fits the bill," Morishita said. It provides infinite width-of-cut adjustments to match tractor horsepower and to control residue and field roughness. The frames, hitches, pivot joints and carrying wheels were specially heat-treated to endure the increased loads from high-horsepower and articulated tractors.

"We nearly halved the parts count for the unit, including reducing major frame components from 20 to five," he said. "In this case, good engineering has allowed us to pass savings along to the customer, while providing a better piece of equipment."

"That's really what this honor is about," said Christman. "If the AE 50 existed in Jerome Case's day, I'm sure he would have received multiple honors for his work. We're proud to be continuing the tradition of providing leadership through technology."

White-New Idea Promotes Hamilton

COLDWATER, Ohio — White-New Idea Farm Equipment Company has recently announced the promotion of Gary Hamilton to senior product manager of hay tools.

Hamilton, with the company since 1973, has held other sales and marketing positions, including product manager of planters and spreaders, distribution manager, and merchandising manager for eastern U.S.



Gary Hamilton

As product manager of hay tools, Hamilton's responsibilities are all inclusive for that product group, including long-range product planning, training, promotion, and forecasting. He works closely with the engineering and service groups to ensure the best product performance for each product within the hay tool group.

The hay tool product group includes round balers, disc mowers, disc mower conditioners, sickle mowers, sickle mower conditioners, rakes, and bale handling equipment, all marketed under the New Idea brand.

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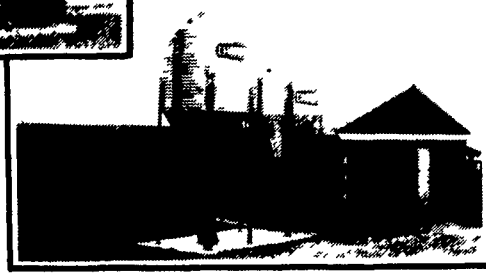
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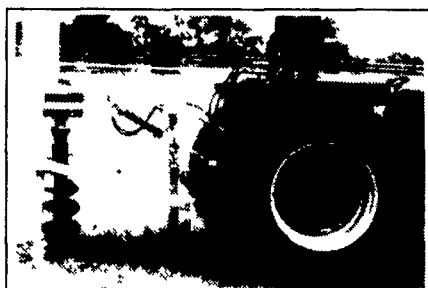
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Weed Control Practices Change To Fit Conservation Farming

WHITE PLAINS, N.Y. — Weeds aren't directly responsible for the 1.5 billion tons of fertile top soil lost from U.S. farmland each year. Wind and water carry off this precious cargo.

But for decades weeds have been an accomplice to the crime. Farmers plowed, disked, and cultivated the soil to destroy weeds — and this intensive tillage buried crop residues and opened up the soil to erosion.

Now, however, new methods of weed control are allowing farmers to cut back on tillage, leave crop residues on the surface of the soil, and drastically reduce soil erosion.

These new methods have arrived just in time to help farmers meet conservation compliance provisions of the U.S. Farm Bill — which require them to limit soil erosion on their land or become ineligible for federal farm programs.

No-till weed control

"With new technology, farmers can leave the crop residue out there, plant the crop into it, and control the weeds," said John Bradley, head of the University of Tennessee's Milan Experiment Station and a leading proponent of no-till farming.

No-till is a system where farmers completely eliminate plowing and other forms of tillage. In no-till, crop residues blanket the

ground to protect the soil from erosion.

For farmers no-tilling for the first time, Bradley recommends they be selective with their fields, start out with a good "burndown" herbicide to clean the fields of any weeds, and be very timely with a postemergence herbicide.

New herbicides, combined with older products, are giving farmers weed-control tools for nearly every situation. In turn, no-till is creating a boom market for certain herbicides.

Mike Leetch, product manager with ICI Agricultural Products, said the company's sales volume of Gramoxone Extra, a burn down herbicide for no-till farming, nearly tripled from 1988 to 1992. The product does what it has always done, Leetch said — it quickly controls growing weeds at planting time so the farmer doesn't have to till the ground.

"We are very pleased with the growth of Gramoxone Extra," he said. "Gramoxone Extra is like a new product to many farmers who haven't no-tilled before."

New products complement old. Bradley singles out new post-emergence rescue herbicides — which can be sprayed over fields after the crop is up and growing — as a major advance in no-till weed control.

By their nature, "post" herbicides don't require any tillage to

be effective, he said. Post herbicides can also serve as a valuable complement for planting-time weed control programs to help knock out broadleaves and hard to kill perennials.

"If your early-season weed control program doesn't get the whole job done, say because of weather, you can come back in with a post herbicide and clean up the weeds that escaped," he said. Having this back-up makes farmers less dependent on tillage to control weeds."

"If you're talking about compliance you're talking about reduced tillage," said Don Biehle, superintendent of the Southeast Purdue Agricultural Center. "The post treatments will be an option farmers will look at under reduced tillage."

Leetch notes that a new post soybean herbicide from ICI, Fusion, was used on close to 1 million acres of soybeans in 1992, the first year it was available. Fusion, which controls annual grasses and perennials, offers soybean growers a chance to save a broadleaf trip over their fields. Unlike most post grass herbicides, it can be mixed and applied with a wide range of post broadleaf weed controls — with less antagonism.

"Tank-mixing lets you make one trip over the field instead of two," Bradley said. "You get broadleaves and grasses in one

trip. That's what farmers in conservation tillage are looking for."

New cultural practices

Better weed control tools are also allowing farmers to make changes in cultural practices.

For example, Bradley explains that soybeans grown in narrow rows — 20 inches apart or less — produce higher yields than wide rows. But narrow rows make it

impossible to run a tractor and cultivator through the field to control weeds in the growing crop.

With more and better herbicides, cultivation is less necessary and narrow-row soybeans are becoming highly popular. In turn, narrow rows shade the ground earlier, helping to hold down weed competition.

Adams County Holstein Association Meets

GETTYSBURG (Adams Co.) — Reorganization of the board, kickoff of the membership drive, and planning a calendar of activities for 1993 were topics considered by the board of directors of the Adams County Holstein Association when they met at noon, Monday, December 21, in the Penn State Extension Office, Adams County Services Building, Gettysburg. President Marvin Brown presided.

In the first order of the business, the following officers were elected: Marvin Brown, Littlestown, president; Jeffrey King, York Spring, vice president; Vincent Lobaugh, Aspers, secretary; Robin Thompson, Hanover, treasurer; and Steve Wood, Littlestown, state director.

Guy Kehr of Littlestown and Dan Waybright of Gettysburg were welcomed as new members of the board.

Committee assignments were accepted as follows: membership, Adam Lobaugh; junior activities, sales representative and show committees to be headed by Jeffrey Roche; special activities, Jeffrey King; and Vincent Lobaugh, to chair the annual meeting.

As chair of the Membership Committee, Adam Lobaugh reported 83 members were enrolled for 1992. The Pennsylvania Holstein Association has set a goal of 87 for 1993. The directors will contact members who have not mailed renewals to the state office and will report back to a meeting at the Adams County Extension office at 1 p.m., Wednesday, January 20.

Work was initiated on a calendar of events for 1993. This will include a twilight meeting, a dairy tour, a classification meeting, and an annual meeting, plus some additional projects.

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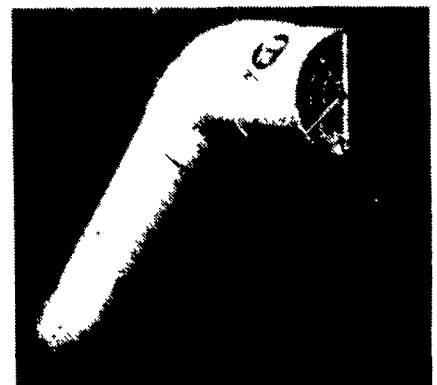
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Use EPDs For Trait Correlation

KANSAS CITY, Mo. — Selecting breeding stock to obtain offspring with traits that fit your operation should be an integral part of your herd breeding goals. One of the most reliable and widely-used tools to reach these goals is the use of Expected Progeny Differences (EPDs).

EPDs may be used to estimate how future offspring, or progeny, of a subject animal will compare to progeny of other animals within the same breed.

"The key word is 'estate'," said Dr. John Hough, director of education and research for the American Polled Hereford Association. "EPDs are not designed to predict the performance of one or two progeny of a sire, but rather should be used to compare bulls based on estimated progeny performance. EPDs predict differ-

ences, not absolutes. They describe the genetic value much like a feed tag describes the contents of a feed sack."

EPDs are reported in pounds for birth weight, weaning weight, maternal milk, milk and growth, and yearling weight. Scrotal circumference is provided in centimeters.

Each EPD value can be used to help select a combination of traits that will best fit your herd improvement plans and help generate a profit from better animals.

"Many different traits affect profitability and buyer acceptance of cattle. When you select EPDs, you must remember that beneficial and antagonistic relationships exist for nearly all traits," Hough said. "In other words, it is easiest to select for a trait that is beneficially related to another trait."

"Before you enlist the help of EPDs, you must first review your herd goals and answer a few questions," Hough said. "They include: 1) Do I have the optimum management plan for my resources? 2) What do my customers need/want? 3) What is the herd's present level of production? 4) What traits need improvement? and 5) What are the specific goals for my herd?"

For example, if you wish to improve the birth weights and weaning weights of your calf crop, you will want to select for EPDs that specifically highlight those traits in a sire. It is also good practice to compare these EPDs with two or three other bulls within the

same breed. This will give you a better overview of the specific sire's performance in relation to others in his breed. You cannot compare EPDs of one breed to another - they are only comparable within the same breed.

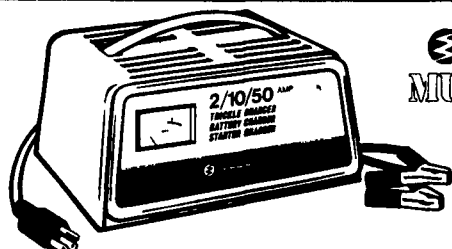
If your plans call for improving several traits, you'll want to be aware of the beneficial and antagonistic correlation among each of them. For instance, greater birth weight would not be of benefit unless the cow is structured to successfully deliver a large calf.

However, if your cows can deliver larger calves, increased

birth weights may show a beneficial correlation to higher weaning and yearling weights. Hough said this is the type of correlation you should look for in EPDs.

"Whatever trait, or traits, you select for, you should remember that each will likely have an effect on another," Hough said. "EPDs are an excellent management tool, especially for the commercial operation. They must be used with a thorough understanding to be fully beneficial."

County extension offices can provide additional information about EPDs.



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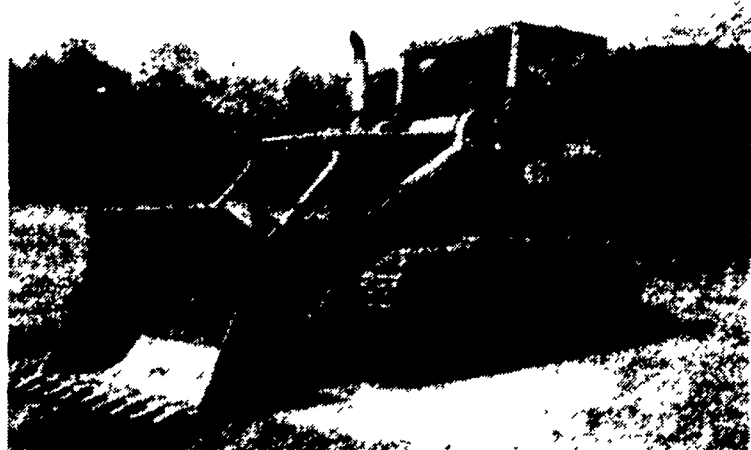
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Md. Leaders Conference Set

MT. AIRY, Md. — The Maryland State Grange Leader's Conference will be held January 9 at Linganore United Methodist Church at Unionville.

The conference will begin at 10 a.m. and adjourn about 3 p.m. Masters, overseers, lecturers, secretaries, state deputies, women's activities chairmen, deaf activities chairmen, Junior Grange leaders, youth chairmen, and membership

chairmen are encouraged to attend.

Lunch will be provided by the ladies of the church. A freewill offering will be collected to defray the cost.

Show date for the conference will be January 16 at the same location and time.

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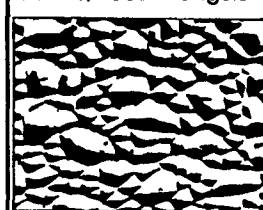
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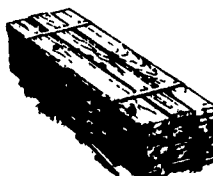
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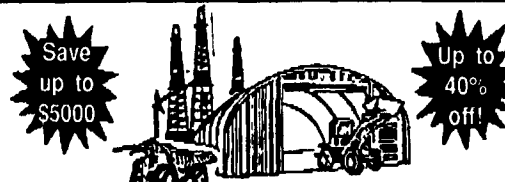


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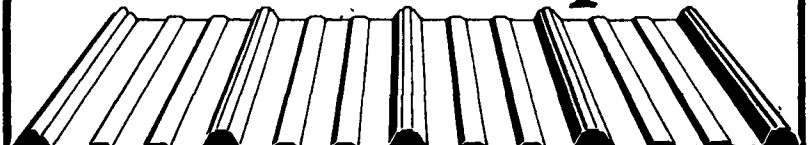
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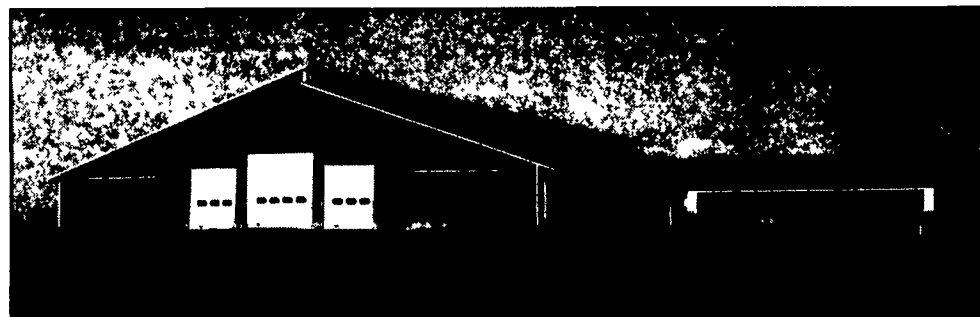
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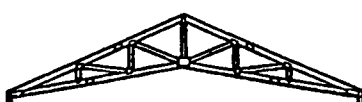


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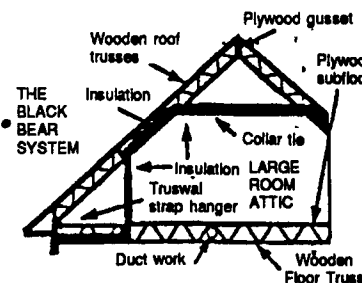
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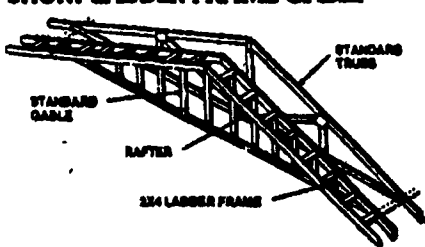
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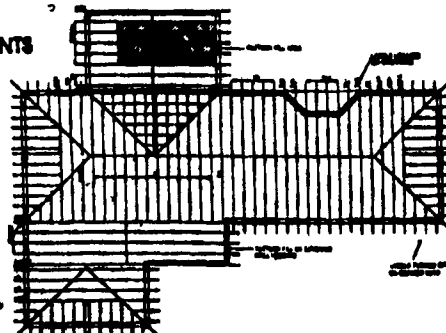
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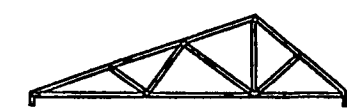
234 LADDER FRAME



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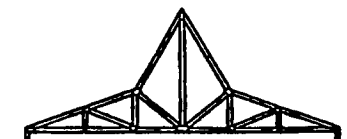
FLOOR TRUSSES



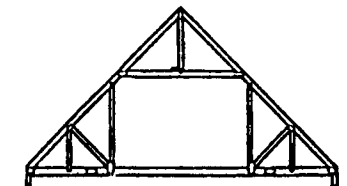
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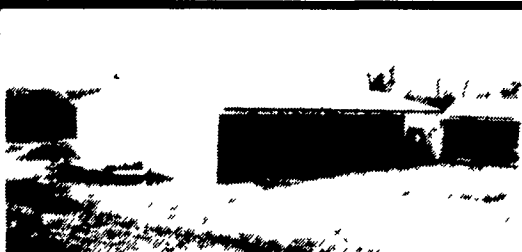
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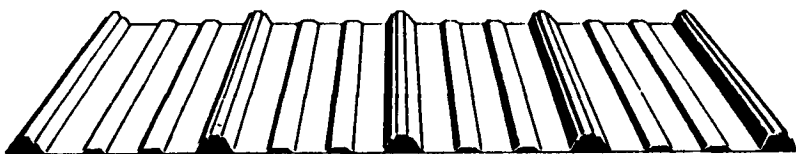
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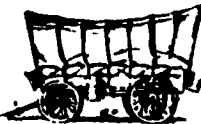
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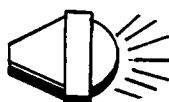
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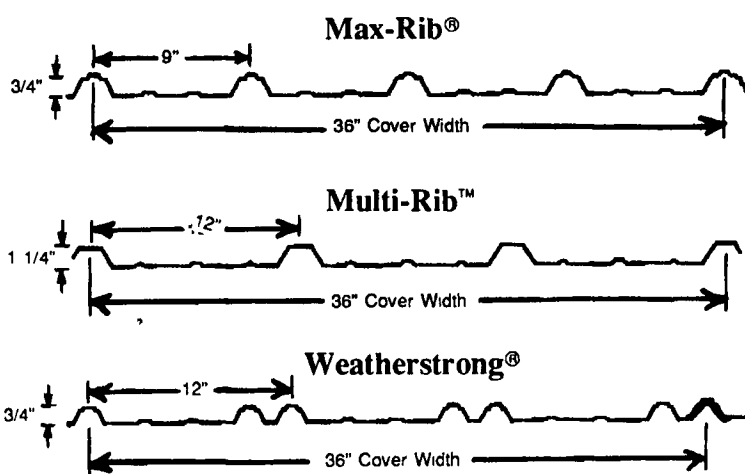


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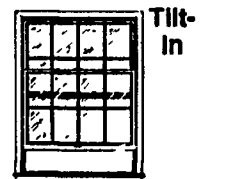
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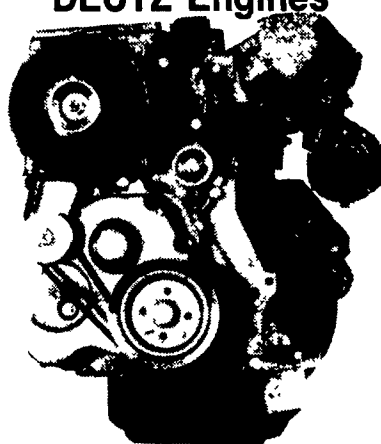
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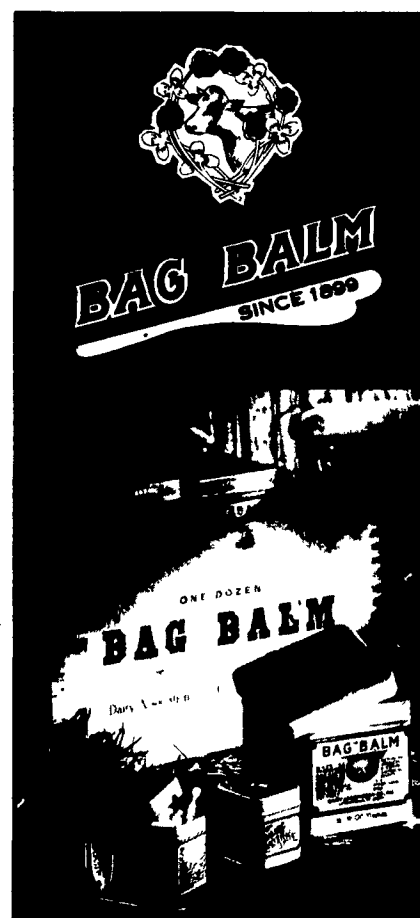
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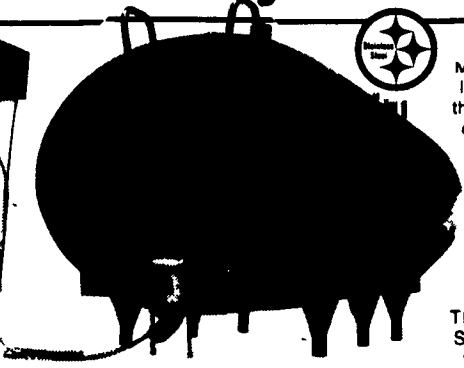
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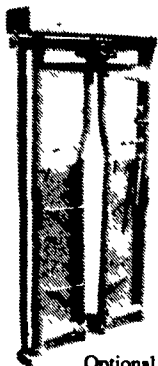
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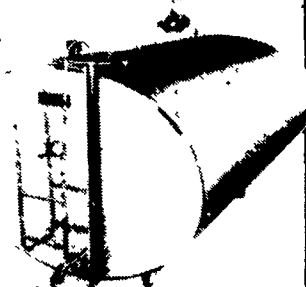
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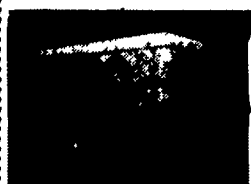
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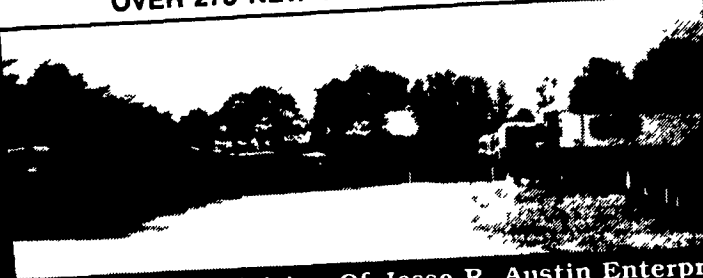
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Dam: Sired by Bell
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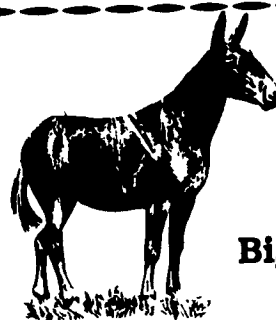
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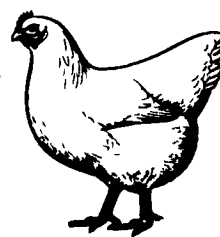


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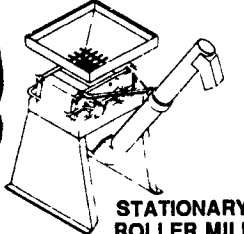
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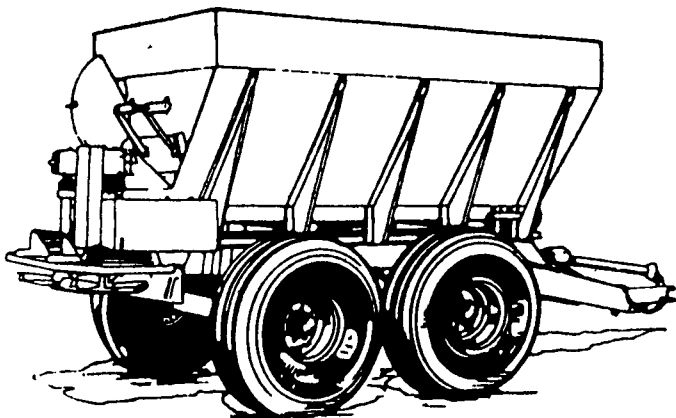
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6" - 14" 2-2 transplant

0.33	0.29	0.165
0.47	0.43	0.235
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0.48	0.44	0.240
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6" - 12" 3 yr. seedling

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0.65	0.60	0.420
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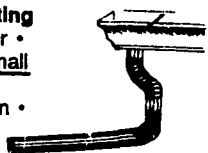
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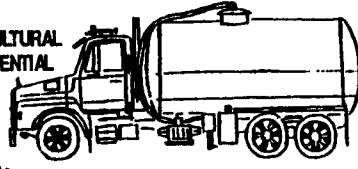
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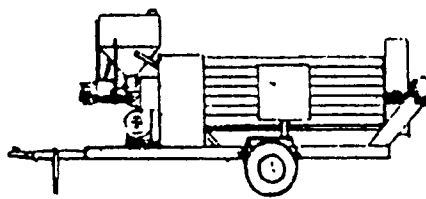



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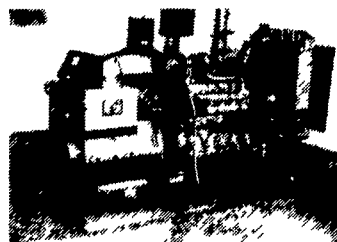
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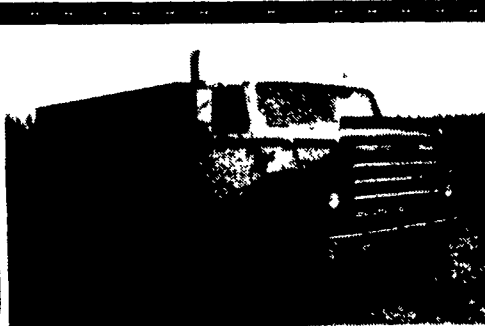
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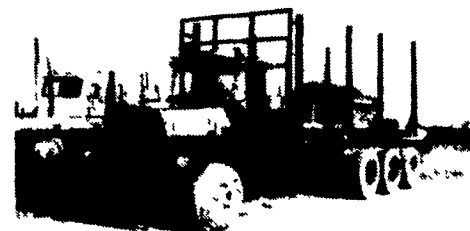
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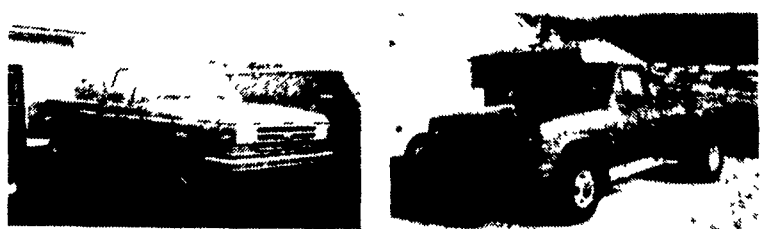
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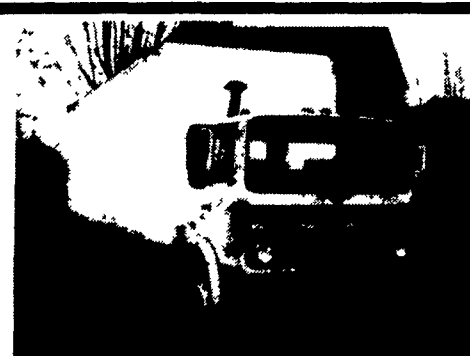
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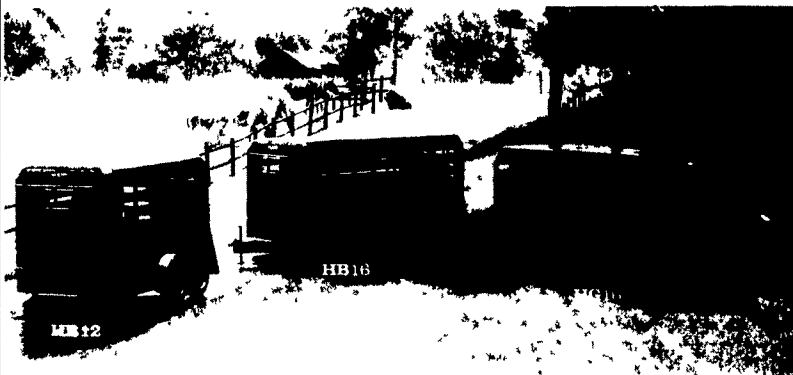
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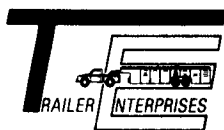
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Aluminum Step Van In Stock Over A Dozen To Choose From, 10 to 18 Feet, Gas or Diesel, Some With Generators, Call For Details



Dumps 84 Int. 1724 V8 5/2 Spd., AB, 48K, 80 Int. 1854 DT 466 Del. 5/2 Spd., HB, Both Tks. In Exc. Cond. & Ready To Go To Work



1985 Ford LN8000 24' Stake Body With Tuck Away Lift Gate, New 3208 Cat Diesel, 5/2 Spd., PS, 28,000 G.V.W., Nice Truck



1985 Ford LN8000 16' Stake Body Dump w/ Bulk Head, 3208 Cat Del, 210 HP, 5/2 Spd., 32,000 G V W, AB, 98,000 Original Miles. In Excellent Condition



Ford F350 Cab & Chassis, 351, 4 Sp. Pwr. Steering, Pwr. Brakes, 11,000 GVW, Several To Choose From..... Special \$3,950 With New Stake Body \$4,950



1985 IHC S1800, 12' Stake Body, 6 9 Del, 4 Spd., PS, PB, 17,400 GVW, 46,800 Orig Miles, US Govt. Maintained.

TWO ACRES OF ALL TYPES USED TRUCKS. "IF WE DON'T HAVE IT, WE'LL GET IT"

USED TRUCKS

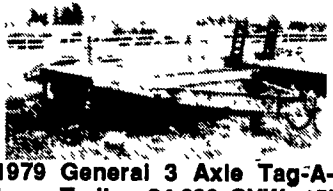
1980 Ford F600 Bucket Truck, 28', Generator, Tool Outlets, Good Condition.

\$8,900



Portable Ramp, 9'6" Wide, 36" Long, 25,000 Lb. Capacity, Good Condition, Dolly Wheels, New Cost \$16,000.

\$6,900



1979 General 3 Axle Tag-A-Long Trailer, 24,000 GVW, 15' Flat Ramps, 3' Beavertail.

\$1,999

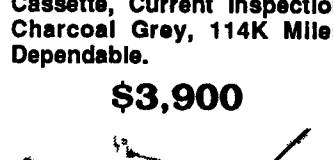


1985 Honda Accord LX, 5 Speed, PS, PB, Air, AM-FM Cassette, Current Inspection, Charcoal Grey, 114K Miles, Dependable.

\$3,900



25 Ton Hyster Lowboy, Will Take Tandem Tractor, 8.25x15 Tires, Beavertail, Good Condition. **\$4,900**



1979 Ford F600 Bucket Truck, 31' Reach, V8 Gas, New Paint, Works Good.

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Transport 35 Ton Detachable Trailer, Pony Motor, 15" Tires, Good Condition.

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1977 IH Bucket Truck, Servlift 31' Lift, V8 Gas, 5 & 2 Trans., Runs Good.

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1992 New 5 Ton Tag-A-Long, All Wheel Brakes, Adjustable Hitch, Adjustable Ramps, 16' Bed, Or 18' Bed Available.

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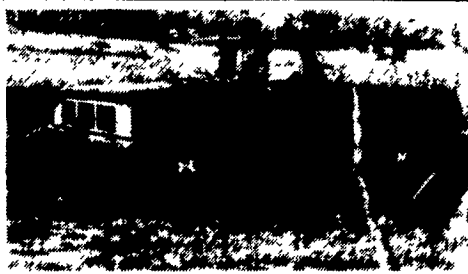
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SAT 7:30 To NOON

1989 Pontiac Grand Prix SE V6, AT, Loaded, Gray, 55,100 Mi.....\$7,900
 1991 Chevy Corsica Lt. 3.1 V6, AT, Loaded, Black, 57,200 Mi.....\$7,300
 1991 Ford Taurus L V6, AT, AC, CR, Tilt, AM-FM Cass., Silver, 53,200 Mi.....\$8,600
 1991 Olds Cutlass Ciera V6, AT, AC, CR, Tilt, AM-FM Cass., Gray, 59,200 Mi.....\$8,400
 1990 Olds Delta 88 Royale V6, AT, Loaded, Silver, 53,500 Mi.....\$8,900
 1990 Toyota Camry DX 4 Cyl., 5 Spd., Loaded, Black, 59,800 Mi.....\$8,400
 1989 Dodge Dynasty, 4 Cyl., AT, AC, CR, Tilt, PDL, AM-FM, White, 60,900 Mi.....\$5,900
 1989 Ford Tempo GL 4 Cyl., AT, AC, AM-FM, Blue, 43,700 Mi.....\$5,400
 1989 Chevy S-10 Durango 4x4 4.3 V6, AT, AC, Tilt, AM-FM Cass., Black, 70,000 Mi.....\$7,900
 1988 Dodge Dakota V6, 5 Spd., AM-FM Cass., Silver, 56,200 Mi.....\$5,600
 1988 Ford Aerostar XL 7 Pass., V6, AT, AC, CR, Tilt, AM-FM Cass., Blue/Silver, 51,800 Mi.....\$7,800

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1982 Freuhauff 45' Flat Bed - Sliding Tandems - Aptong Floor - Welded D.O.T. Head Board - 10.00 - 20 - Bias on Dayton Type Wheels - Set up to Haul Portable Forklift - Trailer is in good shape and ready to go to work for you - \$4800.00 O.B.O.

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1986 GMC
 3/4 ton 4x4 350 AC, PS, Auto, 3 Speed, New Tires, Battery, Tuneup Full Running Board, Heavy Truck, A Title, 1 Driver, 70K Hiway Miles
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'90 PLYMOUTH VOYAGER
 V6, AT, AC #7193
 Waxes \$14,995
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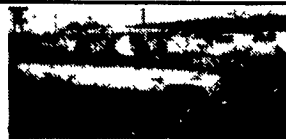
'89 GMC CREWCAB DUALY
 454, AT, AC, Buckets, Trailer Pkg. #7192
 Was \$14,995
NOW \$10,800



'89 GMC 4x4 PICKUP
 Sierra Classic, 350, AT, AC, Runs Great, #7134
 Was \$10,995
NOW \$8,850



'87 CHEVY S-10 PICKUP
 V6, AT, AC, Tahoe, #7237
 Was \$8,995
NOW \$7,150



'84 CHEVY SUBURBAN
 Silverado, 350, AT, AC, 9 Pass., PW, PL, Trailer Pkg. #7178
 Was \$7,900
NOW \$5,300



'91 CHEVY SPORTSIDE 4x4
 350, 5 Spd, AC, Low Mi., Super Clean, #7120
 Was \$14,995
NOW \$13,100



'91 GMC SUBURBAN 4x4
 Sierra Classic, 350, AT, Front & Rear Air, Rear Heat, Trailer Pkg., Like New 17,000 Mi. #7116
 Was \$23,900
NOW \$19,900



'88 CHEVY 1/2 TON
 Silverado, AT, AC, Cruise, Tilt, Loaded #7165
 Was \$13,995
NOW \$12,150



'86 CHEVY S-10 BLAZER
 V6, 5 Spd., AC, Custom Wheels #7166
 Was \$8,995
NOW \$6,750



'85 CHEVY 4x4 PICKUP
 Silverado, Short Bed, V8, AT, AC, Loaded, #7228
 Was \$8,495
NOW \$7,150



'92 GMC 1 TON EXTENDED CARGO VAN
 350, AT, AC, PL, Cruise, Tilt, #7206
 Was \$19,300
NOW \$13,900



'90 CHEVY K-BLAZER 4x4
 AT, AC, Cruise, Tilt, Loaded, #7184
 Was \$18,100
WAS \$16,100



'93 GMC CREW CAB 4x4
 454, AT, AC, Dual Wheels, Trailer Pkg. #1415
 Was \$29,374
NOW \$27,844



'77 GMC UTILITY BODY
 Heavy Duty 1/2 Ton, 4 Spd., V8, Only 80,000 Mi., #7254
 Was \$3,995
NOW \$2,250



'85 FORD F-150
 V6, 5 Spd., Great Work Truck, #7240
 Was \$4,995
NOW \$3,500



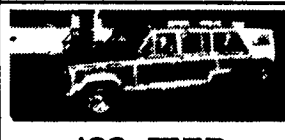
'90 CHEVY 4x4
 Silverado, AC, 4 Spd. w/OD, Loaded, All The Toys, 22,000 Mi., #7251
 (File Photo)
 Was \$16,995
NOW \$14,800



'90 GMC SAFARI
 7 Passenger, V6, AT, AC, Sharp, #7225
 Was \$14,995
NOW \$12,500



'89 GMC 1 TON 4x4
 454 V8, AT, Fiberglass Cap, #7155
 Was \$10,995
NOW \$9,750



'89 JEEP GRAND WAGONEER
 All The Toys, V8, AT, AC, 19,000 Mi., #7164
 Was \$14,995
NOW \$11,700



'86 FORD F-250 4x4
 HD, V-8, AT, Ready To Go, #7246
 Was \$8,995
NOW \$7,250

Prices based on straight sale. Tax & tags extra.

88 Ford HD250, 8600GVW, 4x4, 351FI, 5-spd, excellent condition, \$8500 814/669-4938

'89 Dodge D250, 1/2 ton, 4x4, 318 EFI, auto, PB, PS, air, AM-FM cassette, 6,900 GVW, dark blue, \$8,975 717-733-2873

'89 Ford E250 extended cargo van, 300 EFI, auto, PB, PS, air, AM-FM, 42,000 miles, charcoal, excellent condition, \$9,175 717-733-2873

8'x25' Lowboy Flat Trailer, \$1000. 410/275-2605 Warwick, MD.

'90 Chevy Beauville Extended 11 passenger Van, 350 FI, auto, PB, PS, PW, PDL, cruise, tilt, dual air, AM-FM cassette, 28,000 miles, charcoal, excellent condition, \$13,500. 717-733-2873

'91 Ford F150 XLT Lariat pickup, 300 EFI, 5 spd, PS, PB, air, AM-FM, dual tanks, 31,000 miles, charcoal w/balance of factory warranty, excellent condition, \$9,950. 717-733-2873

FOR SALE. 1974 Chevrolet pickup, 4x4, 350, automatic, 411 rear, good farm truck, snow plow Lancaster County 717-872-5522 after 5PM or before 7AM

For Sale Aluminum truck sleeper, 36"x7', \$600, Good shape, Nathan 716-595-3210.

International 549 Fuel Truck, 3000 Gallon w/ Meter Pump and Hose, No Rust. Ready to Go. \$3200 814-674-8756.

Jig tables for Snyder bodies (1) 10' \$650 and (1) 14' \$950. (410)239-8006 days ask for Dave, (410)374-4352 evenings

Meyer Electro-touch snowplow parts, frame and brackets for 1988 or newer chevy; all lights, switches included, no plow, \$400. 717/898-7812

MF Loader Unit, 15 yard bucket, all hydraulics included, ready to clip onto tractor, \$650 OBO 215/626-2555

MOBILE HOME in Rothsville Area, \$900 OBO Must be moved as soon as possible 717/464-3158 6:30-10pm.

Omaha sub-frames, model DL524, (3) 7 1/2' \$250; (1) 9 1/2' \$275. (410)239-8006 days ask for Dave, (410)374-4352 evenings.

Rebuilt Chevy 350, \$800; 366, \$1100, 454, \$1000. 717/762-7940.

WANTED: Diesel engine, toro flow, DH478, manufactured by GMC in running condition. Call John 717-792-2631.

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1985 Chamberlin Hopper Trailer, New Tarp And New Tires. 1977 Int. 300 Cummins 13 Speed Transtar 4300, Good Tires, 2 Line Wet Line, \$22,500. Will Sell Separate OBO.

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1979 Dodge W300, 360 Gas Motor, 4 Wheel Drive, Automatic Trans. Just Rebuilt, 500 Gal. Stainless Steel Tank, Good Condition.

\$6,000.00



1977 Chevy C-30, 350 Gas Motor, 4 Wheel Drive, Automatic, 500 Gal. FMC Spray Unit, Hydraulic Booms, Good Condition

\$7,000.00



1978 Ford LN8000, Cat 3208, 5 Speed 2 Speed Rear, 1000 Gal. Poly Tank, Hydraulic Booms, Rinse Tank, Good Condition

\$12,000.00

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1989 F-350 Crew Cab DRW, NLT, 360 V8, AOD, Power Equipment, Cruise & Lift.
1989 Ford Conversion Van, Over 1000 sq. ft. w/ Rear Seat Bed, L&P, A/C & Heat, V8, A/T, 3 to Choose
1988 Ranger NLT Super Cab V6, AOD, Fiberglass Cap, 1 Owner, Only 21,000 miles.
1987 F700 18' Stake Dump, V8, 5 Spd, Dual Tanks, Work Ready.
1990 F250 4x4 Super Cab NLT, V6, A/T, 5 Spd, Power Windows, Locks.
1987 F350 Crew Cab NLT, A/C, NLT, Power Equipment.
1990 Aerostar Cargo Van V6, AOD, Side Rear Glass.
1982 F350 Chassis Cab V8, 4 Spd, 18' WB.
1989 F350 12' Stake Dump, 351 V8, 5 Spd, Only 19,000 Miles.
1990 F250 4x4 V8, A/C, Auto Trans, Work Ready, 19,000 Miles.
1987 Aerostar NLT, 7 Passenger V6, AOD, A/C, Cruise & Lift.
1989 Ranger NLT, A/C, 5 Spd, 2 St, 30,000 Miles, Blue & Silver.
1988 F-Super Duty Contractor Dump, 360 V8, 5 Spd.
1990 Bronco NLT, V8, A/C, AOD, Power Equipment Group.
1989 Ford Conversion Van, V8, NLT, L&P, RR, A/C & Heat.

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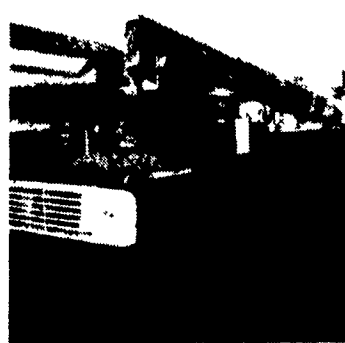
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Eddie



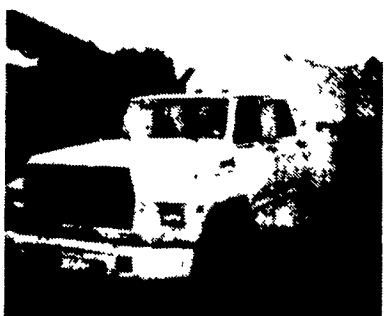
20 Ton P&H Crane 3 Sec. Hyd. Boom mounted on a 1968 F.W.D. both engine gas (new front 89), fleet maintenance.



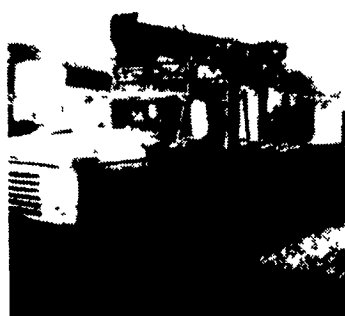
Ford Squirr Bucket 40' To Bottom Of Bucket, Others up to 65', Call For Details



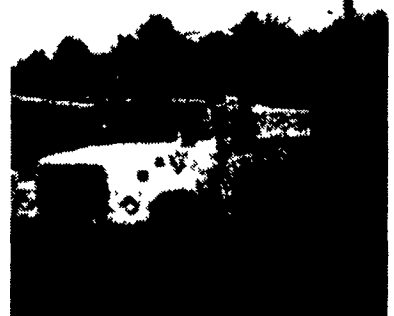
Dump Truck One of several - 1981 Ford F-600, gas, auto. We also have five man cabs with dumps and air compressors.



1985 F-800 8.2 Diesel, Auto, 5 Man Cab, Utility With Rollup Door On Rear. Clean, 20K Miles, Also 2-86 International 8.2 Diesel Auto 5 Man Utility. Low Mileage.



Ford Flat Bed with Pitman Boom 11,000 lbs. Cap, Also Front Winch, One of Three.



1979 Ford V8 10-Speed, Air, 14,000 Lbs. Boom, 2 Speed Auger, Upper Controls, 4 Outtrigger, Dig Holes-Lift-Put Man In Air. This Unit Does It All.

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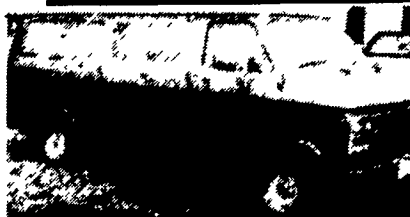
CENTURION EXT. CAB DUALY
7 To Choose From! 2 WD & 4 WD

**'91 GMC
CONVERSION
VAN**

13 Pass., Extra High Top, Front & Rear Air & Heat, Frederick Owned, Only 535 Miles.



A REAL PEOPLE MOVER!

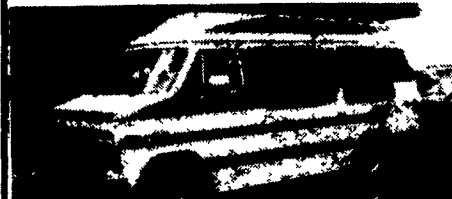


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New & Used, Gas or Diesel



SUBURBANS

8 New & Used To Choose From
2 WD & 4 WD Available



CONVERSION VANS

9 New & Used To Choose From!



3500 HD CAB & CHASSIS
6.5 L Turbo, Heavy Duty,
15,000 GVW



'88 CHEVY C-70 DUMP
V8, 5 Spd., Low Miles



'89 CHEVY VAN BODY

SUBURBANS • HI CUBES • CREWCABS • DUMP TRUCKS • ROLLBACKS

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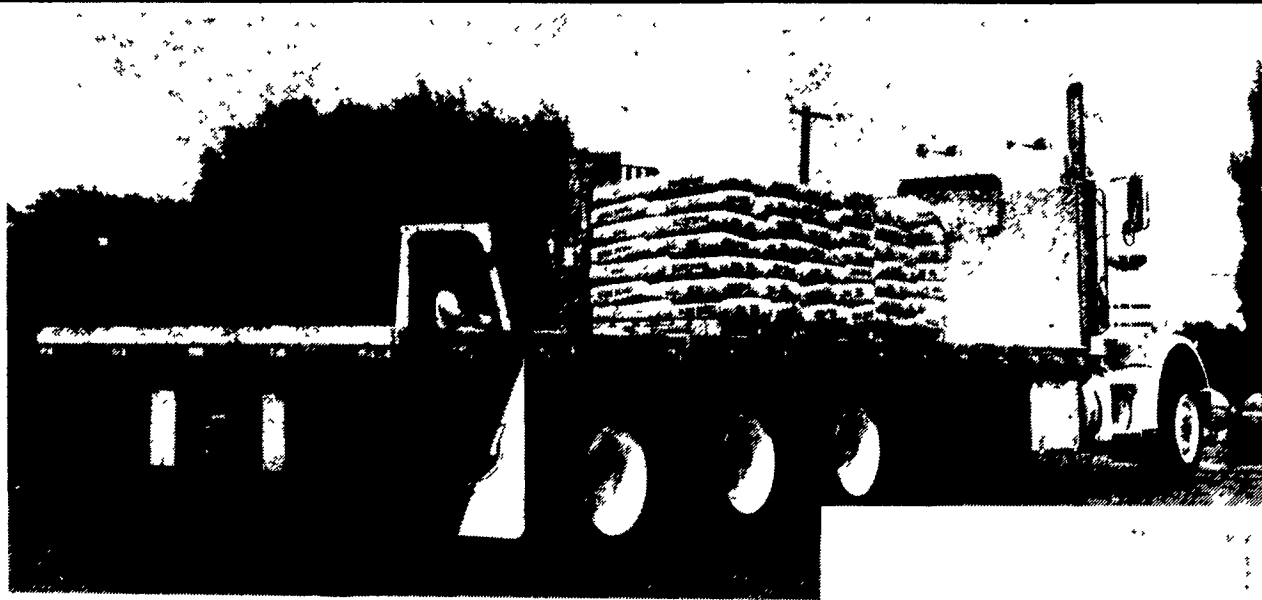
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On the farm or in the city, Eby aluminum flatbed bodies are built for your toughest hauling jobs. Their all-welded construction features 3" aluminum I-beam crossmembers (4" I-beams on bodies 16' and longer) on 12" centers, heavy side rub rail and aluminum diamond floor plate. A full list of options includes slatted or solid aluminum sides, tool boxes and tire carrier.

Eby aluminum construction is up to 40% lighter than steel, so you get more payload capacity. The corrosion-resistant aluminum never needs painting and requires minimum maintenance but gives you maximum resale value. That's a winning combination to complement any truck.

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Cattle/Hog Combo
(Jailhouse)
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COMING!!

1991 Wilson Silver Stars
48'x96"x13'6" Cattle/
Hog Combo

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1991 Four Star 18'
Gooseneck
1990 20'x8' Featherlite Alu-
minum Gooseneck
1988 Moritz 16' Bumper
Hitch
1987 Eby 22'x8'x7'
Gooseneck
1986 20'x8' Aluminum
Walinga

GRAIN TRAILERS

1993 NEW Timple 42'2"
Hopper Bottom

BODIES

17' Eby Cattle Body
21' Eby Aluminum -Double
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20' Fruehauf - Deck-Rail &
Decking
8 1/2' Eby Aluminum -
Chicken Body

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88 Ford F-250 Super Cab
Only 43,000 Miles, Fuel Inj., 300
6 Cyl., 5 Spd., 8800 GVW, Real
Clean

Only \$8,900



86 Ford F-250 Super Cab
XLT Lariat, 44,000 Actual Miles,
351 AT, AC, Captain Chairs,
8800 GVW



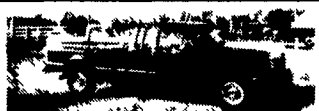
Cummins Turbo Diesels With
Intercooler
91 Dodge LE 350 4x4 5 Sp.



Super Cab 4x4 89 Ford F-250
XLT Lariat Perfect, Only 42,000
Miles, 351 F.I. 5 Sp., O/C, A/C,
Dual Tanks, Ready To Go



Work Truck
Cummins Turbo Diesel
91 Dodge D-250
1/2 Ton AT, A/C, Vinyl
Seat & Floor Mat, 26,000 Miles
Real Clean



Diesel Super Cab, 2 Wheel Drive
90 Ford F-250 XLT Lariat
Captain Chairs, 7.3 Diesel, 5 Spd., AC,
Tilt, Cruise, Run. Boards, Custom Wheels,
Black Finish, A Real Looker



89 Ford F-350 Super Cab
Dually Perfect Only 49,000 Miles,
7.3 Diesel, 5 Spd., AC, Dual Tanks, Lots
Of Pulling Power



4x4 89 Chevy 3500 Super Cab
Dually 35,000 Miles, 454 I.L., Auto,
A/C, Loaded, Silverado, Good
Tow Machine



Diesel 2 Wheel Drive
92 Ford F-250 XLT 7.3 Diesel,
5 Spd., A/C, Dual Tanks, Tilt,
Cruise, 11,600 Miles



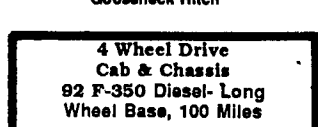
Hot Shot 89 Ford F-350
Cab & Chassis 5th Wheel Plate,
Ready To Tow, 429 V8, 10 Speed Trans.,
28,000 GVW, 30,000 Original Miles



88 Chevy 3500 Dually
Ready To Pull, 454 I.L. AT-A/C
Silverado, Real Clean



87 Chevy 30 4 Door Dually
This One's Got It All, 454
I.L., AT, AC, All Pwr. Options
Gooseneck Hitch



4 Wheel Drive
Cab & Chassis
92 F-350 Diesel-Long
Wheel Base, 100 Miles
92 F-350 Diesel- Sht.
Wheel Base, 150 Miles
90 F-350 460- AT- A/C
Sht. Wheel Base, 35,000 Miles



Rollback 88 Ford F-350
45,200 Actual Miles, Diesel Power,
4 Spd., A/C, 17 Ft. Aluminum Bed



Super Duty Stake Body
Dump 90 Ford F-450
7.3 Diesel, 5 Sp, O/D, 23,500
Dual Tanks, 5.13 Rear Axle



Box Truck, Cummins Turbo
Diesel 91 Dodge D-350 W/O/D,
Famous Cummings Diesel, AT, AC,
18,500 GVW, 12 Ft. Box



Chassis Cab, 87 Ford F-350
Nice & Clean, 460 e.I.L. AT, AC,
84" Cab To Axle, 11,000 GVW



Chassis Cab 92 Ford
F-350 XLT Only 100 Miles
7.3 Diesel, 5 Spd., A/C, 60"
C/A, 11,000 GVW, Brand New 3/35,000
Mi. Warranty



4 Wheel Drive 89 Chevy 3500
Real Strong 454, Good Trailer
Tower, Only 41,000 Miles, Very,
Very Nice



Super Duty Dumps
90 F-450 7.3 Diesel, 5 Spd., 37,000 Miles
89 F-450 460 I.L., 5 spd., 27,000 Miles
88 F-450 460 I.L. 12 ft. box 26,000 Miles
88 F-450 7.3 Diesel, 5 sp.
\$13,900



86 Dodge D-350 Stake Body
Dump A Real Deal Only 26,000
Original Miles, 12 Ft. Bed, Newly
Inspected

Only \$8,900



460 4x4 91 Ford F-250
Super Cab XLT Lariat, 460
I.L., AT, AC, Tow Pkg.,
29,200 Miles



88 Ford E-250 Hi-Top Van
Electric Rear Liftgate, Roll Up Back
Door, Frl. & Rear AC, 26,000
Actual Miles

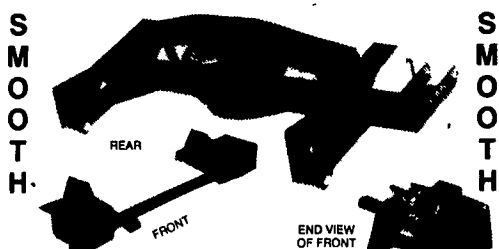


Catch Me If You Can
Banks Turbo Charged 89 Ford
F-250 Super Cab, 7.3 Diesel, AT, AC,
Limited Slip Axle, Gear
Vendors Overdrive



Diesel Power 83 Oldsmobile
Custom Cruiser
1 Owner, Rebuilt Engine, Runs Great
\$14,400

KELDERMAN AIR RIDE



Adding a Kelderman Air Ride Conversion system to your present suspension will result in a two stage suspension system. This is not to be confused with adding an Air bag mounted above the axle. Allows adding extra spring leaves to increase load rating and still maintain Air-Ride comfort.

The bolt on basic package utilizes an air stem mounted in a convenient location to add or remove air from the system.

Optional 12 volt compressor allows changing air pressure setting on the go.

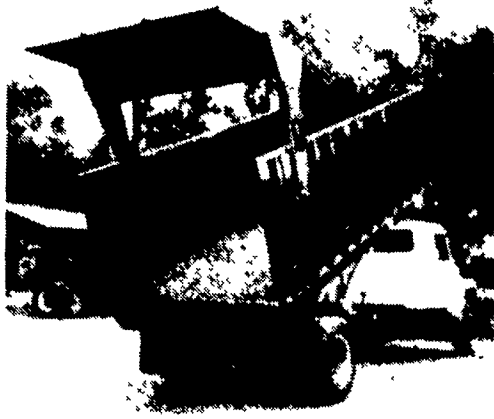
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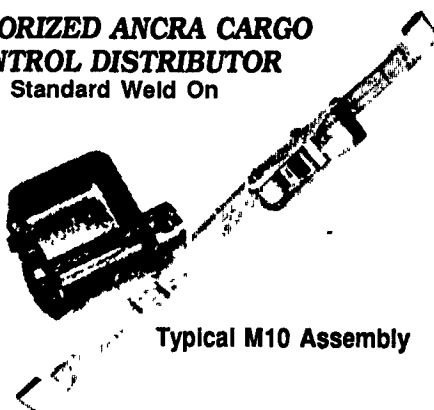


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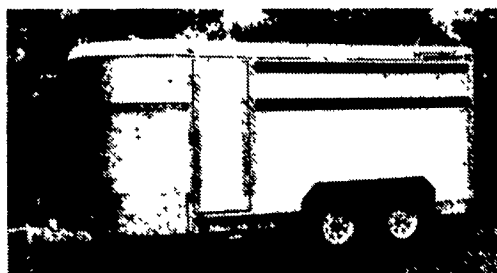
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Farmette 15 1/2 A, 2-story, 4BR house w/attached summer house, house and summer house permas-tone sided, kitchen ceramic tile, 3-car garage, 3 additional buildings, 1300' road frontage, satellite TV system, \$195,000. Lebanon 717-866-7214.

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300 steer feedlot, 3 Harvestores, 8 acres newly fenced Owner financing. \$77,000 Reduced \$59,000. Owner wants to sell - make offer

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47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. \$69,000

18 acre wooded lot, road frontage \$29,000. No Down.

Amish area, 150 acres, 8 bedroom home. Pasture w/ stream. Possible owner financing.

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N.Y.S. STEUBEN CO. dairy farm, 982 acres, 710 ac. tillable, 20 A. forest, bal. pasture, 4 ponds, streams, 2 houses, 1-3 bdrm & 1-2 bdrm. main barn 80x244, free stall, Steiner TMR 5 silos also 30x75 bunk silo - 12 ton feed bins, 3 grain bins, 2500-3000-4000 bu. Other cattle & hay barns, 3 million gal. lagoon double 6 DeLaval Parlor, 520 head \$750,000 #3322.

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CASH CROP 290 ac. farm, 2 sets of bldgs 3 deeds, may be divided, total price \$206,500 #3260

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See the November 28th or December 28th issues for a complete farm and farmette inventory.

Farm and Land Division

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New Listing - Huntingdon Co. - General farm, 136 acres (96 acres tillable & pasture) stream thru pasture House & bank barn Call Rachel or Dallas

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Huntingdon County - 600 ac dairy operation, (188 owned and 425 ac leased) a double six parlor, free stall barn, 3 silos, numerous other buildings, manure lagoon, mansion style farm house, swimming pool, 2nd house and barn and mobile home. Excellent soils, 80% prime. A good dairy farm for the large operator or multi family. **Price Reduced!** Call Rachel or Dallas

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Mifflin County - 151 Ac dairy farm, 34 tie stalls, new pipeline, 2 silos, 2 barns, 2 houses (4 & 3 bedrooms) 2 wells, spring and 2 streams. A good showplace farm. Call Dallas

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Bradford County dairy complex. Above average barn set up for 102 cows in tie stalls served by 2" S.S. pipeline. 1,250 gallon bulk tank. 2 silos and unloaders. 2 outbuildings 123.74 acres w/more lease ground available. 8 rm, 4 bdrm home \$199,500. M-154

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This +/- 68.69 acre farmette, located in the heart of Farmington Township, Tioga County, PA, is roughly 1/3 woods and the balance is tillable/pasture. 4 BR farmhouse and bank barn with 37 head capacity, 500 gal. bulk tank, gutter cleaner, pipeline milker, silo & unloader. \$82,900. M-165.

Lanc. Co.

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Northumberland Co.

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Res: 717-597-2584

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17 acres clear land, 10 acres tillable, 7 acres fenced pasture. 1 acre zoned for subdivision. Owner will help with financing. Priced At \$75,000.00.

UPPER DEERFIELD TOWNSHIP

4000 + acres for farming or devel. zoned from agriculture, residential to light industry. City water and sewer in the near future to over 1000 acres. Lots of road frontage on major highway. Former Seabrook Farm Frozen Food Processing empire.

UPPER PITTSBORO TWP.

SALEM COUNTY

157 acres with 140 tillable. 40 acres sod remainder in potatoes. Excellent soil for nursery, sod & vegetables or future development. Only 2 miles from Rt. 40 and Elmer, New Jersey.

LOWER ALLOWAY CREEK SALEM COUNTY

The Twp. with reasonable taxes. 70 acres with 50 tillable. Vegetable and grain farm. Nice 2-story home has new roof and other major renovations. Next to hunting preservation. Priced At \$250,000.00.

33 acre farm with 2-story home, small pond for irrigation, and good soil for any type vegetables, grain sod or nursery. Secluded for hunting on property. Priced At \$165,000.00.

SALEM COUNTY

MANNINGTON TOWNSHIP

238 acres at \$755,000.00
Approximately 160 acres tillable for vegetables, grain, sod, nursery or hay. Bordered by woods and stream for irrigation. Nearly 1 mile of road frontage on 2 roads.
1709 2-story brick and stucco historical home and 40x80 block machinery bldg. complete this farm.

128 acres at \$395,000.00

Nearly 100+/- acres tillable with stream for irrigation subdivided from above property.

110 acres at \$360,000.00

House and buildings and 110 acres 1/2 tillable with the rest woods and stream and meadow for ducks, geese, deer and small game. Can be subdivided from original above.

DEERFIELD TOWNSHIP

8 acre farm with a nice 2-story home and outbuildings located on Lebanon Road in Deerfield Twp., N.J. Priced at \$110,000.00.

Buy your farm from a farmer
Contact Jack Dare

TURNER REALTY INC.
RD #5 Box 308K, Bridgeton, N.J. 08302
Days: (609) 451-9200
Evenings: (609) 451-1975

FANTASTIC BUYS!

#1182- Family problems forces sale of this good 60 acre dairy farm, 50 cow barn, pipeline milking, 2 silos, nice ranch home, private setting, lots of land for rent. Price reduced to \$100,000.

#1231 - Price reduced on this freestall farm, 200 acres, very productive land, 100 cow barn with parlor, heifer barn, big silos, nice home, pleasant location on quiet road. Bldgs. alone are worth the price. \$137,500. (firm).

Many farms listed, call for free list!

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(607) 334-9727

SANFORD G. LEAMAN, REALTOR

1000 N. Prince St.

Lancaster, Pennsylvania 17603-2736

(717) 393-2437 or 1 (800) 836-8113

LANCASTER COUNTY 45 or 60 acre farm in Manheim area with like new barn, old log house needing restoration plus a modular home, stream, woods, great horse or Amish farm. Call Sanford Leaman for price and location.

ADAMS COUNTY Littleton area, Amish farm, great for horses, 130 acres, priced under \$400,000. 2 homes, hog barn, dairy barn, a great buy! Call Sanford Leaman for details.

LYCOMING COUNTY NEW LISTING This turn of the century home with large bank barn is ideal for your fine antiques or have a bed & breakfast unit in an area of peace and tranquility. The unique woodwork and room sizes make this one of the most spectacular properties I've ever listed. It is also ideal for just prestigious country living. Priced @ \$275,000.00 with 10 acres m/l & pond.

NORTHUMBERLAND COUNTY 97 acres grain farm with house, barn, and implement shed with small pond. This is a good place to establish a hog or most any special farm operation, however you could purchase the neighboring land of 268 acres and make a great family farming operation. CALL SANDY FOR ALL THE INFORMATION ON THIS ONE.

TIOGA COUNTY. NEW LISTING 204 acre DAIRY farm with 130 acres of good tillable farmland. 2 silos, 50 stall tie barn, inground swim. pool and much, much more. Be the first to see this one and BUY IT TODAY. It won't last long on today's market. Priced At: \$235,000.00.

CHESTER COUNTY This 153 Acre Farm is ideal for Horses but is presently a dairy farm with 50 stanchions and 50-60 loose housing stables. There are 2 living quarters, lot's of road frontage in an area of other large horse farms and close to race tracks. Approx. 6 miles East of Oxford but only 2 miles from Maryland. Call Sandy Leaman for confidential information.

Call Sandy Leaman to List Your Farm. We Have Many Buyers Waiting For Just The Right Place and Yours May Fit The Bill.

PARADISE FOUND! Feed the deer in your backyard from this 24x40, 3 BR ranch on 16+ ac in Morris Twp. Most furniture incl. \$65,000. W-870.

TWO FOR THE PRICE OF ONE Remodeled home with an orchard in Pine Creek Valley. New log siding & roof. Lg. living rm. w/fireplace. \$199,995. W-895.



ERA Homestead Realty
23 East Ave.
Wellsboro, PA 16901
800-879-1590

A LITTLE BIT OF COUNTRY in town, cozy 3 bedroom home, barn, on a beautiful country setting \$89,900. M-618.

BUYER PROTECTION on 3 bedroom ranch home in nature-rich setting. Wood heat w/nat. gas backup. 5.5 acres. Can be yours for the REDUCED PRICE of \$79,000. M-611.



ERA Homestead Realty
1 N. Main St.
Mansfield, PA 16933
800-688-2220

24.8 ACRES - Montour/Lycoming counties. All woods, small stream; hardroad frontage. 3 miles west of game lands #226. - \$49,500.

83± ACRES - with remodeled frame farmhouse & bank barn. Nearly all open. 6th year of CRP. Elliber and Hagerstown soil. 3 miles off I-80 at Exit 32. Montour County - \$250,000.

88.8 ACRES - with 40,000 douglas fir trees in first of year year harvest. "Top of the World" setting w/4 county view. Montour/Lycoming Counties - \$212,000.

99± ACRES - with 3 bedroom farmhouse, 40x68 bank barn, implement shed and other buildings. Nearly all open. Alvira and Watson soils. Privacy. Near Turbotville, Northumberland County - \$225,000.

210 ACRES - 156 tillable, contoured & tiled. (1st year of CRP). Drilled well (30gpm). Paved road and deadend township road frontage. Edom soils. 2½ miles south of Turbotville exit of I-180. Northumberland county - \$295,000.

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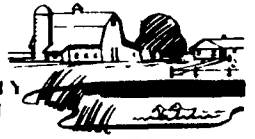
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Residence: (814) 422-8111
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Residence: (814) 387-6273

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&
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DIVISION



THE ADVANTAGES OF LISTING YOUR FARM WITH A RESIDENTIAL REALTOR:

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- ☒ Professional Brochures
- ☒ Ag Progress Days Exposure
- ☒ PA Sportsman Show Display

- ☒ Computer Deed Plots
- ☒ Measurement of ASCS Photos
- ☒ Knowledgeable About Soils
- ☒ Maximizing YOUR return

THE ADVANTAGES OF LISTING WITH A PROFESSIONAL FARM AND RURAL PROPERTY DIVISION:

- ☒ Quality Advertising
- ☒ Professional Brochures
- ☒ Ag Progress Days Exposure
- ☒ PA Sportsman Show Display
- ☒ Computer Deed Plots
- ☒ Measurement of ASCS Photos
- ☒ Knowledgeable About Soils
- ☒ Maximizing YOUR return

If you want the best professional farm real estate service available in Central PA, we would be pleased to be of service to you.

Many farms, farmettes and land parcels available. Call or write for free lists, or see our bi-weekly Lancaster Farming Inventory ad in the December 26th issue.

FmHA Is An
Equal Opportunity
Lender



SALE OF FARM BY THE UNITED STATES GOVERNMENT

Notice is hereby given that the United States of America, acting through the Farmers Home Administration will sell the following described property:

Approximately 413 acres more/less located on Route 26, 2 mi. south of Marklesburg, PA. This is an operating dairy farm located in Lincoln Township. The land use is as follows: 54 acres of cropland, which consists of the following soil types: Clarkburg, Merrill, Newark, Edon and Vanderlip; 10 acres of Permanent Pasture, (Atkins Clarkburg); 47 acres of Woodland (Opequon); 2 acres for farmstead/buildings; a conservation easement within the above mentioned acres, which consist of the following areas: Tract 1 - 175 ft. x 600 ft., Tract 2 - 20 ft. x 1700 ft. along tributary, Tract 3 - 200 x 500. These three tracts are noted on a conservation easement/legal description in the Deed.

Buildings: two story dwelling, wood frame 26 x 30; Bank Barn 46' x 60'. Milk house 14' x 16', bunk feeder/roof 24' x 48', machine shed 40' x 80', and concrete silo 16' x 60'. Water supply is a drilled well approximately 60' deep. Also, a small tributary to James Creek goes through property. NOTE - the farm will be sold "AS IS".

The property is offered for sale to persons who would not be larger than family-size farm operator and a priority given in the following order as determined by the FmHA County Committee:

1. Beginning farmer as of the time immediately after the contract for sale is entered into, who are socially disadvantaged applicants.
2. Beginning farmer as of the time immediately after the contract for sale is entered into.
3. Operators of not larger than family-size farms, who are eligible for FmHA assistance and is socially disadvantaged.
4. Operators of not larger than family size farms, who are eligible for FmHA assistance.
5. Operators of not larger than family-size farms as of the time immediately after the contract of sale is entered into (such operators are not in need of FmHA credit assistance on eligible rates and terms).

Offers must be received on or before 4:00 p.m. January 29, 1993. Offers received after the above date and time, will be given consideration only if offers received before January 29, 1993 are not accepted.

The current established sales price is \$90,000.00. No offers for more or less than this amount will be considered. NOX - 2% deposit (\$1,800.00) will be required with sales contract, which will be refunded if offer is rejected. This must be submitted with all bid applications.

The property will be available for inspection on January 11, 1993 from 10:00 a.m. to 12:00 p.m., and on January 19, 1993 from 10:00 a.m. to 12:00 p.m. Please contact the FmHA County Office at (814) 627-1622 to schedule an appointment to view the property during the above listed hours.

The farm property will be sold subject to an easement reserved by the United States Government for conservation purposes. This is recorded in conservation easement deed. A copy of this deed will be in the application package.

Persons requesting financing from the Farmers Home Administration must agree, as a condition of the sale, to comply with the conditions of the Soil Conservation Service conservation plan for the property. Please note, there is both highly erodible and hydric soil located on this farm unit.

For information regarding the sales price, loan eligibility, conditions of the sale, application to bid packet, or an inspection of the property, contact Farmers Home Administration, P.O. Box 761, Hanington, PA 16652, (814) 627-1622 and 627-1623.

The U.S. Government reserves the right to reject any and all offers. All FmHA sales are made on a non-discriminatory basis. FmHA is an Equal Opportunity Lender.

DEMERE REALTY

Rte. 3 Box 91H
Little Falls, NY 13365

Phone & Fax (315) 823-0288

George Demere, Broker



#101-A GREAT INVESTMENT OPPORTUNITY! 445 acres w/9000 ft. of road frontage - A working dairy w/150 ac. tillable. 212x36 ft. 2-story barn w/76 ties & barn cleaner, pipeline & 800 gal. bulk tank. 60x32 ft. heifer barn-125 acres of woods, a one acre pond plus smaller pond, 2 streams (one stocked w/trout), add to the recreation value of this property listed at \$285,000.

#110 - 248 ACRE DAIRY FARM with 130 tillable - located on quiet side road - 47 tie stall barn plus 30 heifer stalls, silo, machinery shed & well-kept 9 room home - \$80,000 down w/owner financing. Offered at \$210,000.

#316 - NEW LISTING: 240 ACRE DAIRY FARM w/100 tillable - 125x40 ft. 2-story barn w/52 tie stalls - 27x60 ft. heifer barn w/27 stalls, new 40x65 ft. machinery shed & 28x50 ft. garage - 20x70 ft. Harvestore, 18x55 ft. concrete & 15x40 ft. treated wood silos, all w/unloaders- also very good 8 room colonial home w/fenced in-ground pool & outdoor fireplace - THIS DAIRY OF DISTINCTION FARM IS LISTED AT A VERY AFFORDABLE \$220,000.

#605 - 21.9 ACRE HOBBY FARM - all tillable - 60x40 ft. 2-story barn with 28 ties - 30x50 ft. horse barn with 9 large stalls 2-family remodeled home with all new wiring, was used as Bed & Breakfast - lots of water - 2 wells, creek & river on property - ideal for beef, sheep, horse or heifer raising operation - offered at \$124,900. A REAL VALUE WAITING FOR THE RIGHT BUYER WITH 2nd PRICE REDUCTION - NOW OFFERED AT \$99,800 WITH MAJOR APPLIANCES INCLUDED - THIS WILL NOT LAST LONG, SO ACT FAST!!

#804 - NEW LISTING: 455 ACRE DAIRY FARM w/210 tillable - excellent alfalfa soil - 38x140 ft. 2-story barn w/42x60 ft. ell for total of 120 stanchions - pipeline w/8 units, 1500 gal. bulk tank, 2 barn cleaners & mow conveyors, 3 stall truck garage, detached car garage, 2 lg. tool sheds, 24x50 ft. & 18x50 ft. silos w/unloaders & 12x60 ft. mobile home - this DAIRY OF DISTINCTION FARM features a beautifully remodeled 12 room home - a great value at \$395,000 bare or \$595,000 equipped.

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Everything you liked about the 585 tractor is now in the 595.



595 Tractor (52 PTO hp/38.7 kW)

And you get a lot more, too. Including new transmission options (like a synchronized shuttle shift and creeper speeds) and easier, faster shifting between gears. Vacuum fluorescent instrumentation in all cab models. Exceptional visibility. And loaders improved for better visibility and serviceability. All to make the work go easier and faster.

Best of all, the Case International 595 tractor promises the same durability and reliability you've come to expect from the 585. So you get the performance you're accustomed to, year after year.

See the Case International 595 tractor today.

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Quarryville, PA

**MORRIS
INTERNATIONAL INC.**
Everett, PA

INCH EQUIPMENT CO.
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**MIFFLINBURG FARM
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**HINES
EQUIPMENT**
Cresson, Pa.

**ECKROTH BROS.
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**BINKLEY & HURST
BROS.**
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**RT. 45 SALES
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**MELVIN J. SHEFFER,
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Hanover, PA

**MESSICK
FARM EQUIP.**
Elizabethtown, PA

**ZIMMERMAN'S
FARM SERVICE**
Bethel, PA

C.B. HOOBER & SON
Intercourse, PA

**ERB & HENRY
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New Berlinville, PA

**BENDER IMPLEMENT
CO.**
Somerset, PA

**CHAMBERSBURG
FARM SERVICE, INC.**
Chambersburg, PA

**CARLISLE
FARM SERVICE**
Carlisle, PA

**W.C. CRYTZER
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& SERVICE**
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**HETRICKS
FARM SUPPLY**
New Bethlehem, PA

NJ DEALERS

FARM-RITE INC.
Shiloh, NJ

MD DEALERS

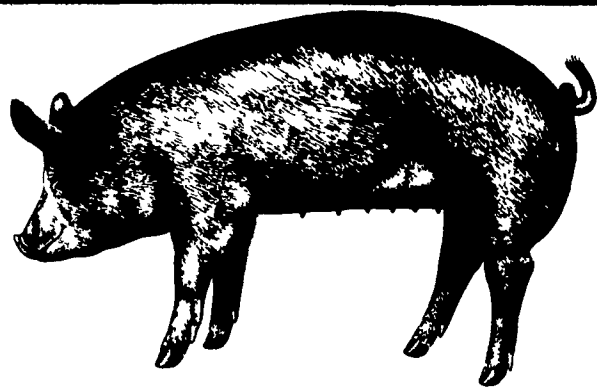
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Pennsylvania Farm Show **January 9-14, 1993** **Farm Show Complex** **Harrisburg, Pennsylvania**

Dear Friends of Agriculture:

I would like to extend this cordial invitation to you and your family to attend the 77th Pennsylvania State Farm Show in Harrisburg, January 9-14. Agriculture is the pride of Pennsylvania and the Farm Show is the pride of Pennsylvania Agriculture.

Pennsylvania has good reason to be proud of its agricultural community, the leading force in our economy for 300 years. Our 52,000 farm families are some of the most productive in the world. Cash income from farm marketings in 1991 was \$3.49 billion and agricultural exports from the Keystone State now total \$347 million annually.

In addition, agriculture stimulates \$38 billion in economic activity and provides jobs for 20 percent of the state's workforce. The incredible efficiency and productivity of Pennsylvania's farmers and agribusinesses have kept the industry number one.

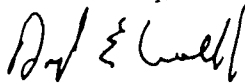
The Farm Show is part of Pennsylvania's rich agricultural heritage. Not only is it the premier showcase of this great industry, it's also the largest indoor agricultural exposition in the country, and it's free!

As an educational forum, the Farm Show has been instrumental in keeping farmers and consumers abreast of advances made in agriculture. As a marketing forum, the show gives farmers a chance to compare equipment, services and supplies, while providing agribusiness with an opportunity to develop new markets. As a social and planning forum, it offers agricultural organizations a perfect location to meet during the week to discuss key issues and plan for the future.

The State Farm Show is committed to exhibiting the best that agriculture has to offer and exhibitors will be handsomely rewarded for their efforts this year. To attract top quality agricultural products and livestock, a record \$202,250 in premiums is being offered this year. The Farm Show has come a long way since 1917, with \$735 in premiums and 440 entries.

I hope you will be able to join us this year as we pay tribute to our number one industry and the farm families who keep it number one.

Sincerely,



Boyd E. Wolff
 Secretary of Agriculture

SCHEDULE FOR SUPREME CHAMPIONS AWARDS

Friday (show closed to public)	3:00 p.m.
Poultry- "Best of"- LA	
Saturday	9:30 a.m.
Swine- SA	
Saturday	11:30 a.m.
Draft Horse- LA	
Monday	11:00 a.m.
Sheep, Meat Breeds- SA	
Monday	3:00 p.m.
Beef- LA	
Tuesday	2:30 p.m.
Dairy- LA	
Wednesday	8:00 p.m.
Sheep, Wool Breeds- SA	

JUNIOR LIVESTOCK CHAMPION AWARDS

Tuesday	2:45 p.m.
Jr. Market Swine- SA	
Wednesday	11:30 a.m.
Jr. Market Lamb- SA	
Wednesday	3:15 p.m.
Jr. Market Steer- LA	

SALE SCHEDULE

Saturday	10:00 a.m.
Bred Gilt Sale- SA	
Thursday	10:00 a.m.
Sale of Jr. Champions & Reserve Champions- SA	
Thursday	11:15 a.m.
Junior Market Swine Sale- SA	
Thursday	1:00 p.m.
Junior Market Lamb Sale- SA	
Thursday	2:00 p.m.
Junior Steer Sale- SA	

FUTURE FARM SHOWS

January 8-13, 1994;
 January 7-12, 1995;
 January 6-11, 1996;
 and January 11-16,
 1997.

January 10-15, 1998;
 January 9-14, 1999;
 and January 8-13,
 2000.

KEY:
 E East Building
 EC Entire Complex
 EL East Lobby
 LA Large Arena
 LAL Large Arena, Lower Concourse
 LAU Large Arena, Upper Concourse
 M Main Building
 ML Main Lobby
 MS Main Building, Second Floor
 N North Building
 1NE 1st Floor, Northeast Building
 2NE 2nd Floor, Northeast Building
 NW Northwest Building
 O Outside Exhibits
 SA Small Arena
 W West Building
 WL West Lobby
 + Emergency Medical Services
 ★ Restrooms
 H Handicapped Parking

Alternate Routes To Farm Show Outlined

HARRISBURG (Dauphin Co.)—Alternate routes have been developed to aid in reducing any potential backup of traffic on Route 81 North and South and Route 22/322 East into the Farm Show this year. Authorities have long been concerned about the potential accident possibilities because of the intense funnel of traffic attempting to enter the show off the Cameron Street access corridor from these routes.

This year alternate routes will have three message boards and signs marking different routes. They are:

From a northerly direction on Route 81, the signs will be posted at Exit 22 directing the traffic off of Route 81 then north on Front Street to turn right onto Linglestown Road. Traffic signs will then direct the traffic to turn onto Industrial Road which leads to the HACC/Farm Show parking lots.

Traveling on Route 22/322 East, the signs will direct traffic off of Route 22/322 south onto Front Street (Rockville Exit) and proceed south on Front Street and turn left onto the Linglestown Road. Traffic signs will then direct the traffic to turn onto Industrial Road which leads to the HACC/Farm Show parking lots.

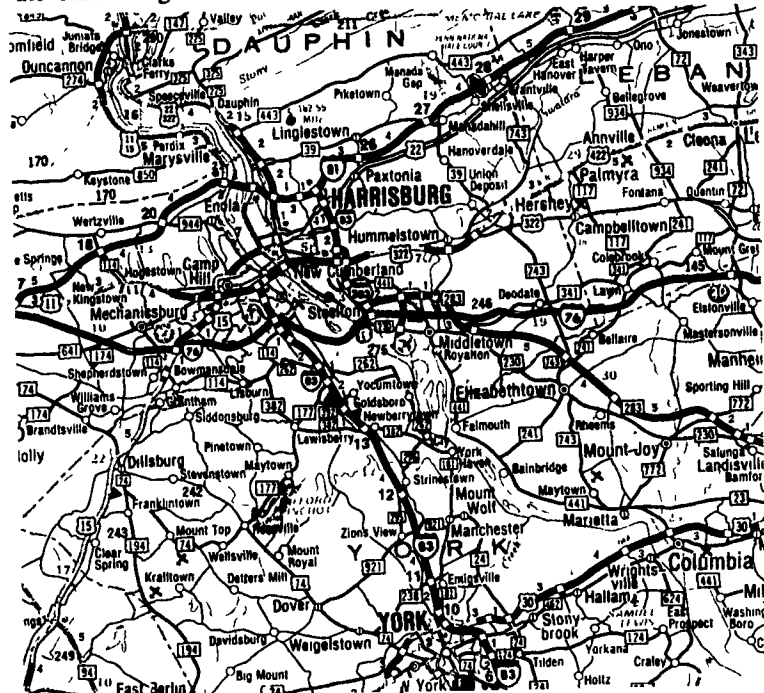
From a southerly direction on Route 81, traffic will be

directed to take Exit 24, then turn right onto Progress Avenue and proceed to the second traffic light, then turn right onto Elmerton Avenue and go straight, crossing Cameron Street to the HACC/Farm Show parking lots.

Public parking will also be available on the Maclay Street lot. This lot is located across the street from the Farm Show Complex. Access to this lot can be made from Front Street, Second Street or all of the Harrisburg intersections.

Fourteen blue and white Keystone signs that say "Farm Show Complex" will be located at various locations along the alternate routes.

There will be seven, three line message boards placed at strategic locations along the alternate routes. And two destination boards will be located at the Linglestown/Industrial Road intersection to indicate access to Industrial Road for HACC/Farm Show Complex parking lots.

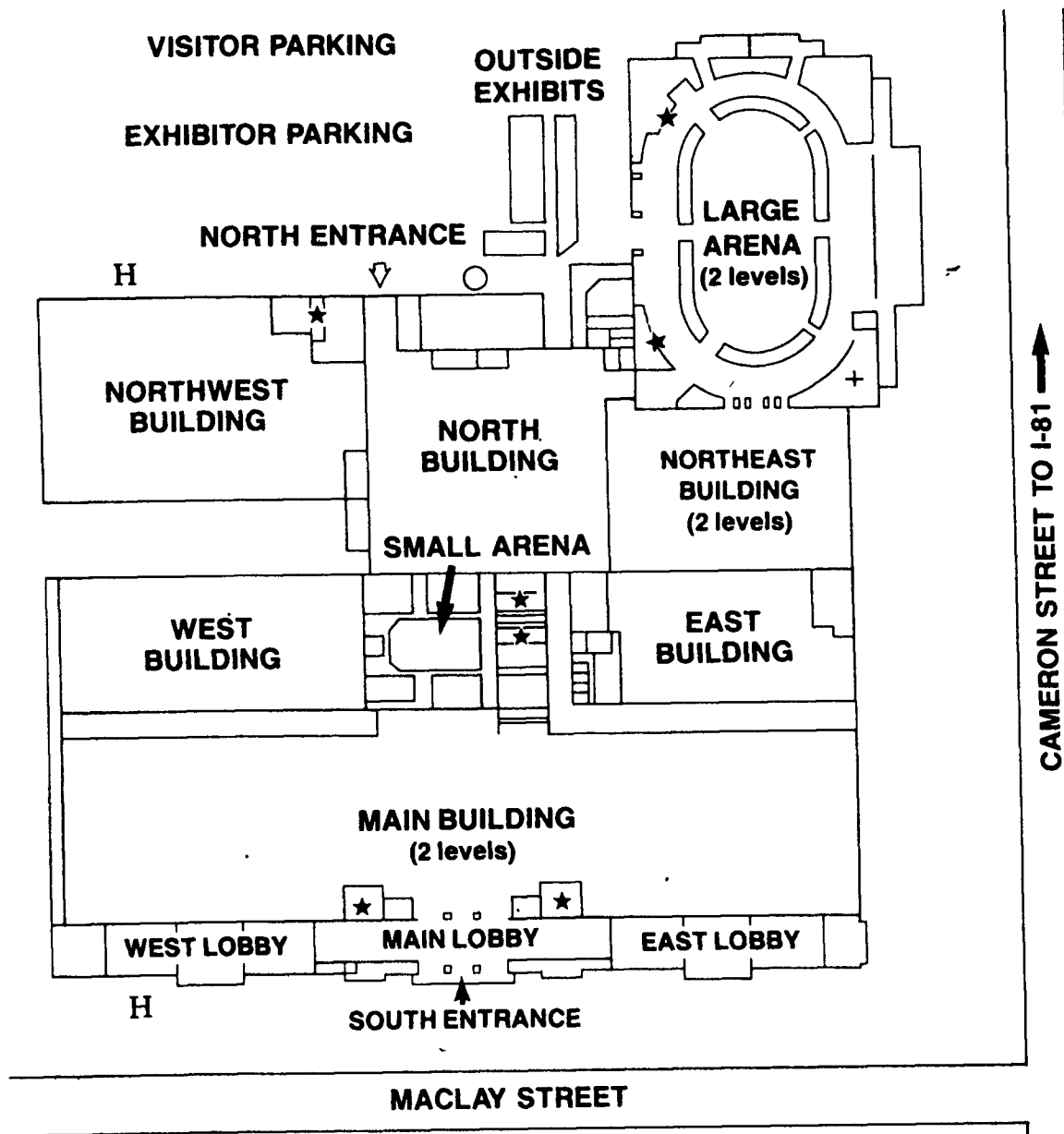


1993 Farm Show Judging Schedule

(Judging events only on Thursday and Friday. Show opens Saturday)

Time	Thursday Jan 7	Friday Jan 8	Saturday Jan 9	Sunday Jan 10	Monday Jan 11	Tuesday Jan 12	Wednesday Jan 13	Thursday Jan 14
8 a.m.		7 a.m. Judging live poultry LA Judging Appliance products & fruit EL; Edible nuts-EL; Family living & 4-H opportunities-2/NE	Judging Draft horses, Belgian, Clydesdale, followed by Percheron-LA	Judging Eggs-LAL, Dressed poultry-WL	Judging Beef cattle, in order, Ring 1: Polled Hereford, Lousin & Charolais, Ring 2: Simmental & Angus-LA; Junior market Cheviot, Shropshire SA	Judging Dairy cattle, Ayrshire, Jersey & Milking Shorthorn-LA. 8:30 a.m. Vo-Ag school demonstration-LAU; Junior market swine classes-SA	Vo-Ag school demonstration LAU. 8:30 a.m. Judging junior beef breeding, in order, Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford & Simmental-LA Junior market swine classes-SA	8:30 a.m. Dairy goat judging, in order, Alpine, LaMancha, Nubian, Toggenburg, other purebreds & recorded grades-LA
9 a.m.		Judging Swine (in order), Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted, Yorkshire-SA, Tobacco WL 9:30 a.m. Judging Vegetables-WL	9:30 a.m. Supreme champion swine SA	Judging School exhibits LAL Judging Sheep, in order, Dorset, Hampshire, Southdown, Suffolk-SA	9:30 a.m. Vo-Ag school demonstration-LAU	Judging Carcass lamb on rail (off-site) 9:30 a.m. Judging Dairy cattle, Holstein LA	4 H points grading & identification-MS	
10 a.m.		Judging Hay-2/NE 10:30 a.m. Judging Corn 2/NE	Swine sales in order Hampshire, Landrace, Yorkshire, Spotted Swine, Poland China, Chester White, Berkshire, Duroc-2/NE Blue ribbon apple pie contest-2/NE	Non-denominational worship service-LA				Sale of champions & reserve champions
11 a.m.			Cooking demonstration-WL 11:30 a.m. Supreme champion draft horse-LA, 11:45 a.m. Youth showmanship for draft horses-LA	Governor's review LA	Supreme champion sheep meat breeds SA Cooking demonstration WL	Judging Dairy cattle, Brown Swiss & Guernsey-LA	Cooking demonstration-WL 11:30 a.m. Grand champion Jr market lamb-SA	11:15 a.m. Junior market swine sale-SA
Noon	Judging Maple syrup products EL	Judging Christmas trees-2/NE Small grains-2/NE		Mummers Hegeman String Band LA			Junior steer classes-LA Junior sheep breeding classes, in order, Cheviot, Corriedale, Merino, Rambouillet, Shropshire, Southdown, Suffolk, Montadale, Columbia & Oxford, followed by junior lamb showmanship-SA	Junior market lamb sale-SA
1 p.m.		12:30 p.m. Judging Potatoes WL	Cooking demonstration-WL	16 pm Draft horse hitched competition-LA, Can classes-LA Cooking demonstration-WL	Junior shepherds' contest-SA Cooking demonstration-WL	Cooking demonstration WL		
2 p.m.			Judging Eggs-LAL, Greatest cocoa cake and cookie contest-2/NE 2-4 p.m. Rodeo, Pennsylvania High School Rodeo Assn-LA		2 p.m. Supreme champion of dairy breeds followed by junior dairy cattle showmanship-LA			Junior steer sale SA
3 p.m.			Cooking demonstration WL	Intermission Junior Tamburitans of South Hills-LA Wool judging 2/NE, Cooking demonstration WL	Beef supreme champion LA Cooking demonstration WL	Cooking demonstration-WL Junior swine showmanship contest-SA	Cooking demonstration-WL 3:15 p.m. Grand champion steer-LA 3:45 p.m. Junior beef showmanship-LA	
4 p.m.		Judging Mushrooms WL, Vocational horticulture 2/NE	4:30-5:30 p.m. Cumberland Co. 4 H Club drill team-LA	Team classes-LA	4:46 p.m. FFA mid-winter convention LA	3:30 p.m. horse pulling contest, in order, Light weight horses, 6 Horse hitch, Heavyweight horses LA		1992 Farm Show ends.
5 p.m.		Judging Carcass lamb evaluation SA	Cooking demonstration-WL	Cooking demonstration WL	5-7 p.m. 12 annual sheep to shawl contest SA Cooking demonstration-WL	Cooking demonstration-WL	Sheep judging, in order, Merino, Rambouillet, Corriedale-SA	
6 p.m.		Judging Rabbits-LAL	6-8 p.m. Rodeo, Pennsylvania High School Rodeo Assn LA			Ag secretary's welcome and awards SA 6:15 p.m. Dairy fun night SA	State champion pony pulling contest, in order, Light weight, Medium weight & Heavyweight divisions-LA	
7 p.m.			Cooking demonstration-WL		7-9 p.m. Folk dance festival & contest LA	Cooking demonstration-WL	Cooking demonstration-WL	
8 p.m.					Auction of shawls SA		Sheep supreme champion, wool breeds-SA	

Farm Show Complex General Information



Location Of Daily Attractions

Saturday through Thursday

Apiary Products - EL
Baby Animals - 2NE
Beef Cattle - NW
Butter Sculpture - ML
Cafeteria - MS
Christmas Trees - 2NE
Commercial & Educational Exhibits - EC
Corn - 2NE
Dairy Cattle - N
Demonstrations - WL, 2NE, LAU
Dressed Poultry - WL
Eggs - LAL

Family Living Exhibits - 2NE
Food Court - E
4-H & Vo-Ag Exhibits - 2NE
Fruits - WL
Goats (Thursday only) - LA
Hay - 2NE
Horses - 1NE
Horticulture Center - 2NE
Maple Products - EL
Milking Parlor - N
Older Pennsylvanian's Center - ML
(Monday)

Pennsylvania Food Pantry - WL
Poultry - LAL
Rabbits - LAL
Sheep - W
Small Grains - 2NE
Snack Bars - EC
Souvenirs - EC
Swine - W
Vegetables - WL
Wool - 2NE

* Admission is FREE for all events during Farm Show Week.

* The Farm Show Complex is located along Cameron and Maclay Streets in Harrisburg, just off Exit 23 of Interstate 81. To avoid major traffic delays getting off I-81, try using the alternate arteries leading to the Complex - Route 39, Route 22, Route 230 or Elmerton Avenue.

* Parking is available on the 60-acre site for \$2 per vehicle. Free overflow parking is offered at the Harrisburg Area Community College (HACC) with shuttle bus service for a fee.

* Handicapped parking and access areas have been expanded and can now be found along the South Entrance, the North Entrance and in front of the Large Arena.

* Security during Farm Show Week is provided by the Pennsylvania State Police, Farm Show Security and contracted security services.

* A MAC machine is located in the corridor near the Security Office between the Main Building and North Building.

* Lost children and parents should report to the State Police Command Center along the north wall of the Main Building.

* Restrooms are located throughout the Farm Show Complex.

* Diaper changing tables are located in the mens and womens restrooms in the Main Building and in the corridor that joins the Main Building with the North Building.

* Coat Checks are located in the Main Lobby and Large Arena. The fee is 50 cents per item.

* Information booths and directional computers are located throughout the Complex.

* Lost & Found items are kept in the Farm Show Security Office, located in the corridor between the Main and North Buildings.

* Food is available throughout the Complex. The famous commodity food booths are located in the East Building, snack bars are located around the facility, and a cafeteria on the second floor of the Main Building offers complete meals and a la carte items.

* The Emergency Medical Services Room with doctors, nurses and ambulance attendants is located on the Lower Concourse of the Large Arena.

* Public pay telephones are available throughout the Farm Show Complex.

* The Farm Show Director's Office and Department of Agriculture's Press Office are located on the second floor over the Main Lobby. The Radio Room is off the Lower Concourse of the Large Arena.

* A MAC machine is located in the corridor near the Security Office.

1993 Schedule Of Events

THURSDAY, JANUARY 7, 1993

(Judging Only - Show Closed To The Public)
12 Noon- Judging: Maple Syrup Products - EL

FRIDAY, JANUARY 8, 1993

(Judging Only - Show Closed To The Public)

7 AM- Judging: Live Poultry - LA
8 AM- Judging: Apiary Products & Fruit - EL
8 AM- Judging: Edible Nuts - EL
8 AM- Judging: Family Living & 4-H Opportunities - 2/NE
9 AM- Swine Judging (in order): Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted & Yorkshire - SA

9 AM- Judging: Tobacco - WL
9 30 AM- Judging: Vegetables - WL
10 AM- Judging: Hay - 2/NE
10 30 AM- Judging: Corn - 2/NE
12 Noon- Judging: Christmas Trees - 2/NE
12 Noon- Judging: Small Grains - 2/NE
12 30 PM- Judging: Potatoes - WL
4 PM- Judging: Mushrooms - WL
4 PM- Judging: Vocational Horticulture - 2/NE
5 PM- Carcass Lamb Live Evaluation - SA
6 PM- Judging: Rabbits - LAL

SATURDAY, JANUARY 9, 1993

"Family Day"

8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Draft Horse Judging: Belgian - LA
8 AM- Draft Horse Judging: Clydesdale followed by Percheron - LA
9 30 AM- Supreme Champion Swine - SA
10 AM- Swine Sale (in order): Hampshire, Landrace, Yorkshire, Spotted Swine, Poland China, Chester White, Berkshire, Duroc - 2/NE
10 AM- Blue Ribbon Apple Pie Contest - 2/NE
11 AM- Cooking Demonstration - WL
11 30 AM- Supreme Champion Draft Horse - LA
11 45 AM- Youth Showmanship for Draft Horses - LA
1 PM- Cooking Demonstration - WL
2 PM- Judging: Eggs - LAL
2 PM- Greatest Cocoa Cake and Cookie Contest - 2/NE
2 4 PM- Rodeo - Pennsylvania High School Rodeo Association - LA
3 PM- Cooking Demonstration - WL
4 30-5 30 PM- Cumberland County 4-H Club Drill Team - LA
5 PM- Cooking Demonstration - WL
6-8 PM- Rodeo - Pennsylvania High School Rodeo Association - LA
7 PM- Cooking Demonstration - WL

SUNDAY, JANUARY 12, 1992

"Governor's Day"

8 AM- Judging Continues Eggs - LAL
8 AM- Judging: Dressed Poultry - WL
9 AM- Judging: School Exhibits - LAL
9 AM- Sheep Judging (in order): Dorset, Hampshire, Southdown, Suffolk - SA
9 AM- Judging: School Exhibits - LAL
10 AM- Non-Denominational Worship Service - LA
11 AM-6 PM- DAILY ATTRACTIONS (see list) - EC
11 AM- Governor's Review - LA
12 Noon- Mimmers - Hegeman String Band - LA
1 PM- Cooking Demonstration - WL
1 6 PM- Draft Horse Hitched Competition - LA
1 PM- Cart Classes - LA
3 PM- Intermission - Junior Tamburitzans of South Hills - LA
4 PM- Team Classes - LA
3 PM- Wool Judging - 2/NE
3 PM- Cooking Demonstration - WL
5 PM- Cooking Demonstration - WL

MONDAY, JANUARY 11, 1993

"Agricultural Heritage Day"

8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Beef Cattle Judging (in order): Ring 1 - Polled Hereford, Limousin & Charolais; Ring 2 - Simmental & Angus - LA
8 AM- Sheep Judging (in order): Cheviot & Shropshire - SA
9 30 AM-4 PM- Vo-Ag School Demonstration - LAU
11 AM- Meat Breeds Supreme Champion - SA
11 AM- Cooking Demonstration - WL
1 PM- Junior Shepherd's Contest - SA
1 PM- Cooking Demonstration - WL
3 PM- Cooking Demonstration - WL
3 PM- Beef Supreme Champion - LA
4 6 PM- FFA Mid-Winter Convention - LA
5 PM- Cooking Demonstration - WL
5 7 PM- 12th Annual Sheep to Shawl Contest - SA
8 PM- Auction of Shawls - SA
7 PM- Cooking Demonstration - WL
7 9 PM- Folk Dance Festival & Contest - LA
8 PM- Intermission: Ethnic Dance Demonstration - LA

TUESDAY, JANUARY 12, 1993

"Dairy Day"

8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Dairy Cattle Judging: Ayrshire, Jersey & Milking Shorthorn - LA
8 30 AM-4 PM- Vo-Ag School Demonstrations - LAU
8 30 AM- Junior Market Swine Classes - SA
9 AM- Judging: Carcass Lamb On-Rail (off-site)
9 30 AM- Dairy Cattle Judging: Holstein - LA

11 AM- Dairy Cattle Judging: Brown Swiss & Guernsey - LA
1 PM- Cooking Demonstration - WL
2 30 PM- Supreme Champion of Dairy Breeds, followed by Junior Dairy Cattle Showmanship - LA
3 PM- Cooking Demonstrations - WL
3 PM- Junior Swine Showmanship Contest - SA
4 30 PM- Championship Horse Pulling Contest (in order): Lightweight Horses, 6-Horse Hitch, Heavyweight Horses - LA
5 PM- Cooking Demonstration - WL
6 PM- Secretary's Welcome and Awards - SA
6 15 PM- Dairy Fun Night - SA
7 PM- Cooking Demonstrations - WL

WEDNESDAY, JANUARY 13, 1993

"Youth Day"

8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 11 AM- Vo-Ag School Demonstration - LAU
8 30 AM- Junior Beef Breeding Cattle (in order): Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn & Simmental - LA
8 30 AM- Junior Market Swine Classes - SA
9 AM- 4-H Potato Grading & Identification - MS
11 AM- Cooking Demonstration - WL
11 30 AM- Grand Champion Jr. Market Lamb - SA
12 Noon- Junior Steer Classes - LA
12 Noon- Junior Sheep Breeding Classes (in order): Cheviot, Corriedale, Dorset, Hampshire, Merino, Rambouillet, Shropshire, Southdown, Suffolk, Montadale, Columbia & Oxford, followed by Junior Lamb Showmanship - SA
1 PM- Cooking Demonstration - WL
3 PM- Cooking Demonstration - WL
3 15 PM- Grand Champion Steer - LA
3 45 PM- Junior Beef Showmanship Contest - LA
5 PM- Sheep Judging (in order): Merino, Rambouillet, Corriedale - SA
5 PM- Cooking Demonstration - WL
6 PM- State Championship Pony Pulling Contest (in order): Lightweight, Mediumweight & Heavyweight Divisions - LA
7 PM- Cooking Demonstration - WL
8 PM- Sheep Supreme Champion, Wool Breeds - SA

THURSDAY, JANUARY 16, 1992

"Sale of Champions Day"

8 AM-4 PM- DAILY ATTRACTIONS (see list) - EC
8 30 AM- Dairy Goat Judging (in order): Alpine, LaMancha, Nubian, Toggenburg, Other Purebreds & Recorded Grades - LA
10 AM- Sale of Champions & Reserve Champions - SA
11 15 AM- Junior Market Swine Sale - SA
1 PM- Junior Market Lamb Sale - SA
2 PM- Junior Steer Sale - SA
4 PM- 1992 Farm Show Ends

The Exhibitors And Their Locations At The 1993 Farm Show

Commercial Exhibitors

MAIN FLOOR Space Numbers 1 through 662
NORTH BUILDING: Space Numbers beginning with N and followed by a number
NORTHEAST BUILDING (Lower Level): Space Numbers 1 through 30
LOWER LEVEL LARGE ARENA: Space Numbers beginning with LL and followed by a number
PENNSYLVANIA FOOD COURT: (East Building). Commodity Associations
UPPER LEVEL LARGE ARENA Space Numbers beginning with UL and followed by a number

ABI Irrigation	Space #
ADADC	614
Ag Fence Systems	N7-N10
Ag Bag Corporation	N17-N18
Ag Fence Systems	523-525
Ag Products Company, Inc.	Outside 19
Ag-Chem Equipment Company, Inc	583-584
Ag Stabilization & Conser Serv	161-162, 165-167
AGCO Corporation	393
Agr Business Ins Agency, Inc	Main Floor
Agr-King, Inc	552
Agr-Quip Corp	654, 655
Agricultural Vendor- Div Of Engle Printing Co	662
Agway, Inc.	N12
Alberta Ag-Industries, Ltd	365-370, 381-386
Alfa-Laval Agri, Inc Delaval Ag	514, 515
Alfalfa Plus	416-418
Alfred State College	442
Allen Plant Company	480
Alo Canada, Inc	483
Alpine Plant Foods Limited	92-94, 101-103, 114-116
Alternative Energy System	453
Altmeiers Western Wear	Outside 004
American Breeders Service	NW5-NW6, Outside 022-024
American Seed Company	N15, N16
Amsoil - Shirk Marketing Assoc	440, 441
Anderson Tractor Sales	N14
Apple Agri Sales	186-188, 193-195
Aqua Blast Corporation	593, 594
Atlantic Breeders Coop	564, 565
Atlantic Dairy Cooperative	N39
Badger Associates	N8
Badger Northland, Inc	350-353
Badger's Agri Service, Inc	286-289, 302-305
Bender Machine Works	24-26, 37-39
Berg Equipment Company	408
BF Products, Inc	398, 399, 410, 411
Binkley Hurst Brothers	622
Bio Gro Systems	237-242, 251-256
Blue Seal Feeds, Inc	633
Bou-Matic, Div Of D E C International	492
Brittingham Plant Farms	526-528
Butler Manufacturing Company	446
Buzzard Gulch, Inc.	648, 649
C.B. Hooper & Son, Inc	571-573
C.F.C. Distributors, Inc	Outside 009, 010
C.U. Stoltzfus, Inc	592
C B Hooper & Son, Inc	4-6
Canadian Embassy Trade Office	70-81
Canns-Bilco Distr , Inc	30-33
Cargill Hybrid Seeds	027-029, 034-036
Cattle Care Service	636, 637
Century Manufacturing Co	481
Clay Equipment Company	463
Conklin Company	520-522, 529-531
Conrail Police/Operation Lifesaver	N4, N5
Country Folks Lee Publications	UL3
Cub Cadet Corporation	613
Cummings And Bricker, Inc	338-341
Cummins Diesel Engines, Inc	280-285, 290-298
Dairylea Corporation, Inc	458
Dekalb Plant Genetics	N4
Delaware Valley College	488-491
Dennis Polk Equipment	518, 519
Dept. L & I - Emp Sec & Train	504
Dixon Industries, Inc	535
Doebler's PA Hybrids, Inc	640, 641
Double "M" Farms	443-445
E.M. Herr Equipment Co	642
Eastern Milk Prod Coop	Cash Counter 628, 629
Eccles Nurseries, Inc	N9, N10
Endless Mountain Equipment	Cash Counter 433, 434
Endless Mountain Equipment	50, 51, 56, 57
Environmental Systems, Inc	Outside 026, 027
Erth-Rite, Inc	630
Eshland Enterprises, Inc	615, 616
Farmmaster	N25
Farmshine	424, 425
Feedmobile Incorporated	543
Fellowship of Christian Farmers	659
Fenner Manheim, Inc	459
Fertrell Company	652
Fiberdome, Inc	634, 635
Ficks Silo Company	266-268
Frank W. Winnie And Son, Inc.	18-20
Furst McNess Company/Miracle Feeds	602
Gallagher Power Fence, Inc.	590, 591
Gans Tire Company	608, 627
Goodyear Tire And Rubber Company	576-579
Gordon Train International	136, 137
Grain Systems Inc	N26, N27
Great Plains Manufacturing, Inc	Cash Counter 646, 647
Gro Mor Plant Food Co	163, 164, 189-192
Growers Fertilizer Solutions	620, 621
GVM, Inc	598, 599
H L Clouse, Motor Cars And Trucks	205-207, 230-232
Hamilton Equipment Co	Outside 011
Hanover Shoe Company, Div Of C&J Clark	314-318, 320-325, 330-333
Retail	462
Hanson Silo Company	Cash Counter (Main Floor)
Hatfield Quality Meats	146, 148, 155-157
Haybuster Manufacturing Co , Inc	N3
Herr Foods, Inc	661
Hi Score Plant Food Co.	LL
Hoads Dairyman	500, 501
Hoffman Seeds, Inc.	Cash Counter 532
	493-495

Hostetler Truck Bodies	Outside 01-03, 031, 032
Hostetler Truck Bodies	512, 513
Hostetler Truck Bodies	N1-N3
J & J Agriproducts & Serv	473, 474
J. I. Case	65-69 82-91, 104-113
J S Woodhouse Company	362-364, 371-373
Jacques Seed Company	505-507
Jamesway J-Star Industries	275, 276
Jorama Ranch	Outside 018
Joseph Swantak, Inc.	168-170, 183-185, 196-198
Kane Manufacturing Co	537
Karcher Hydro Wash	7-9
Kencove Farm Fence	LL
Kencove Fence	499
Kendall Refining Company, Division Of Witco	472
Keystone Stihl	468-470
KMN Modern Farm Equipment, Inc - Krone	
Niemeyer	95-100, 117-119
Kubota Tractor Corporation	43-47, 60-64
Kuhn Farm Machinery, Inc	214-223
Kutz Farm Equipment	Outside 007, 008
Kutz Farm Equipment, Inc.	N19, N20
L.B. Brunk & Sons, Inc.	Outside 005
Lancaster Farming, Inc	274
Landmark Genetics	409
Lawn Care	662
Lester Building Systems	650, 651
Lincoln Electric Co.	460, 461
Liquor Control Board	UL1, UL2
M H. Eby, Inc.	Outside 013-016
M. Worley Nurseries	450
Martin Water Conditioning	464-465
McConnell Manufacturing	52-55
Melroe Company	208-213, 224-229
Mensch Manufacturing	N24
Metro Cremo And Sons, Inc.	LL7
Metz Sales, Inc., Hartman	423
Mid Atlantic Milk Marketing Association	348, 349, 354, 355
Milk-Rite, U.S.A.	536
Miller Diesel, Inc.	482
Morton Buildings	612
Moyers Chicks, Inc	653
Mumma Tire Service	574, 575, 580, 581
Muncy Chief Hybrids, Inc.	447-449
McConnell Manufacturing	52-55
Nasco	Northeast/Cash Counter N28-N30
National Equipment, Inc	643, 644
National Feeding Systems, Inc	15-17
National Weather Service	539
Niemeyer Corporation	312, 313, 326-329
Norco, Inc.	419-422
North Central Hydro Wash, Inc	660
Northeast Agri Systems, Inc	N22, N23
Northrup King Company	431, 432
Nupulse Incorporated	403, 404
Old Guard Mutual Insurance Co	645
Opdyke, Inc.	610, 611
P.S.U.- Independent Learning	553
PA Ag. Commodities Marketing Assoc	609
PA Aggregates & Concrete	619
PA Dairy Promotion Progm.	N6
PA Dept. of Environ. Resources	LL4
PA Dept. of Environmental Res.	541
PA Dept. of Finance & Revenue	LL13
PA Farmers Union	534
PA Florists Association	Cash Counter 663
PA Flower Growers	Cash Counter 664
PA Game Commission	544, 545
PA Holstein Association	N36-N38
PA Maple Syrup Producers Council	EB
PA National Farmers Organization	533
PA Relief Committee	LL3
PA Rural Electric Assn	475-477
PA State Lottery	546, 547
PA State Maple Council	471
PA State Showmen's Association	LL
PA State Sunday Sch Assn.	LL1
PA State University - Radio Room	453
PA Water Specialists - Rainsoft	517
Palco Livestock Equipment Co.	LL6
Patz Sales, Inc	568-570, 585-587
Penn Forestry Company, Inc.	LL2
Penn Jersey Products, Inc.	269-273
Penn-Jersey Farm & Power Equip.	336, 337
Pennsylvania Aquaculture Association	EB
Pennsylvania Bakers Association	EB
Pennsylvania Beef Council	NW1
Pennsylvania Cattleman's Association	NW2
Pennsylvania Cooperative Potato Growers	EB
Pennsylvania Dairymens Association	EB
Pennsylvania DHIA	N5
Pennsylvania Energy Office	582
Pennsylvania Farmer	395-397
Pennsylvania Farmers Assn.	456, 457
Pennsylvania Livestock Association	EB
Pennsylvania Milk Marketing Board	394
Pennsylvania Mushroom Growers Cooperative	EB
Pennsylvania Poultry Federation	EB
Pennsylvania State Beekeepers	EB
Pennsylvania State Grange	454, 455
Pennsylvania State University	426-430, 435-439
Pennsylvania Vegetable Growers Association	EB
Pikes Peak Nurseries	451, 452
Pioneer Hi Bred Intl, Inc	496-498
Pitt Auto Electric Co	558, 559
Polydome Corporation	554, 555
Power Pro Equipment Co	131-135
Preston Dairy Equipment	13, 14
PSU, Nat'l Space Grant Program	538
Purpose Media Associates, Inc	7 Locations
Quality Fencing And Supply	658
Quik-Hitch, Inc.	400-402
Ransome Lift Equipment Company	638, 639
Raton Maker East, Inc.	600, 601
RCMA, Inc.	N6
Research Seeds, Inc.	478, 479
Rich Brandt Farm R.E.	Outside 012
Royal Ostrich Farm	N21
Ryder Supply Company	342-345, 358, 359
S. I. Distributing	556, 557
Safeguard Products, Inc.	623, 624

Schnupp's Grain Roasting	502, 503
Scottdale Supply Company	NW3-NW4
Seedway, Inc.	484-486
Seedway, Inc. Seem Seed	487
Select Sires	N7
Sharon Metal Fence Company	138-140
Shenango Steel Buildings	657
Sire Power, Inc.	N11
Snook's Equipment	Outside 020
Snook's Equipment	48, 49, 58, 59
Sollenberger Silos Corp.	261, 262
Sones Grain Systems	588, 589, 606, 607
South Central Pennsylvania Food Bank	UL4
Star Silo	263-265
Starline - J-Star Industries	143-145, 158-160
State Horticultural Association Of Pennsylvania	EB
Stauffer Diesel, Inc.	510, 511
Stockade Buildings, Inc.	617, 618
Strathmeyer Forests, Inc	603
Sukup Manufacturing Company	550, 551
Summit Systems, Inc.	LL5
Sunflower Mfg. Co , Inc.	233-236, 257-260
Tallman Aerial Spraying	595
Tam Agri Corporation	596, 597
Tatge Chemical Company/Tox-O-Wik	631, 632
Taylor Contracting	N2
Taylor Manufacturing, Inc.	Outside 021
The Hotsy Corporation	129, 130
The Schlueter Company	412-415
Tico Manufacturing, Inc.	548, 549, 566, 567
Todd Farm Equipment	374-377, 360, 361, 390
U.S.D.A. Animal & Plant Health	540
University of PA, School of Vet	405-407
USDA, Farmers Home Admin.	392
Van Dale, Inc./Div. of J-Star Industries	21-23, 40-42
Vermeer Manufacturing Co.	10-12
Vigortone Ag Products, Inc.	625, 626
Walter H. Weaver Sons, Inc.	542
Wayne R. Wyant	120-128
Wenger's Farm Machinery, Inc.	346, 347, 356, 357
West Virginia Fence Corporation	604, 605
Westfalla Systemat, Div. of Centr.	560-563
Westmore Ltd.	N13
Winpower, Division Of The Pierce Company	466, 467
WMIX-AM	Main Floor Across From 335
Woods, Div of Fiatallis North American, Inc	243-250
Worksaver, Inc.	378-380, 387-389
Young's Livestock Nutri./Nutrena Feeds	508, 509

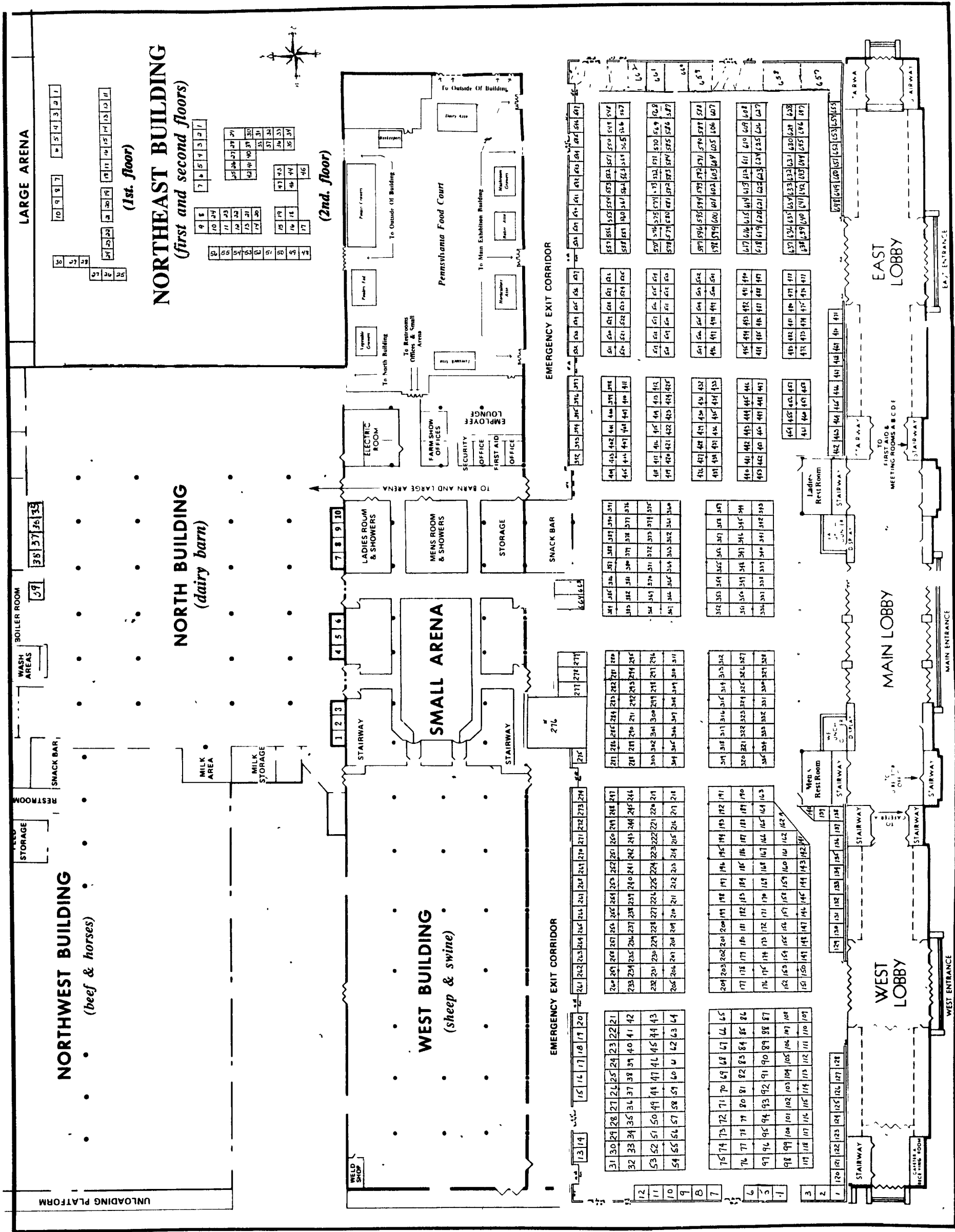
Northeast Building (2nd floor)

Ashcombe Farm & Greenhouses	N45
Benedict Sports	N48
Bird Scare Predator	N25
Black Bear Structures	N13, N14, N20, N21
Chemlawn Service	N6, N7
Davis Enterprises	N26
D&L Grower Supplies, Inc.	
Eastern Regional Emu Chapter	N2, N3
Ehrlich Green Team	N29
Enola Nurseries	N47
EPA Region III	N5
Fox Chapel Publishing	N22-24
G&G Industries	N34, N35
Garden Club Federation of PA	N33
Great Bulbs Of Fire	N46
Groton	N30
Hollingers	8, 9
Horizon Ltd.	16, 17
J&D Flat Poles	N27
J. Omar Landis Auction Service	N1
Joseph A. Thomas, Ltd.	N48-50
Just Erbs	N41, N42
Metal Roofing & Siding	N12
Metro Cremo & Sons, Inc.	N10, N11
Mt. Parnell Fisheries	N 38-40
MTA School	N32
Noel Falk, Plant Doctor	N4
Northeast Ag Sales	N15
Parkers Interior Plants	N51
Pear Alley Herbs	N56
Pa. Forestry Association	N43
Pipe Engineering Corporation	N36, N37
Rodale Institute Research Center	N44
Ron's Redwood Signs	N53, N54
Service Tire Truck Centers	N28
Triangle Communications, Inc.	N55

Food Court East Building

Commodities	
Pennsylvania Bakers Association	
Pennsylvania Cooperative Potato Growers	
Pennsylvania Dairymens Association	
Pennsylvania Livestock Association	
Pennsylvania Mushroom Growers Association	
Pennsylvania Poultry Federation	
Pennsylvania State Beekeepers	
Pennsylvania Vegetable Growers Association	
State Horticultural Association of Pennsylvania	
Commodities (located East Building)	
Pennsylvania Aquaculture Association	
Pennsylvania Bakers Association	
Pennsylvania Cooperative Potato Growers	
Pennsylvania Dairymens Association	
Pennsylvania Livestock Association	
Pennsylvania Maple Syrup Producers Council	
Pennsylvania Mushroom Growers Cooperative	
Pennsylvania Poultry Federation	

Farm Show Building Layout



Show Hours		Main Floor Exhibits	
Jan. 9	Saturday	8 a.m. - 9 p.m.	9 a.m. - 8 p.m.
Jan. 10	Sunday	11 a.m. - 6 p.m.	11 a.m. - 6 p.m.
Jan. 11	Monday	8 a.m. - 9 p.m.	9 a.m. - 8 p.m.
Jan. 12	Tuesday	8 a.m. - 9 p.m.	9 a.m. - 8 p.m.
Jan. 13	Wednesday	8 a.m. - 9 p.m.	9 a.m. - 8 p.m.
Jan. 14	Thursday	8 a.m. - 4 p.m.	9 a.m. - 4 p.m.

Farmers Change Practices To Combat Erosion

WHITE PLAINS, N.Y. — It's crunch time for farmers across the country who have land classified as highly erodible by the federal government. The conservation compliance provisions of the 1985 and 1990 farm bills give them only two more years to install conservation practices that reduce soil erosion to acceptable levels.

Farmers who don't control erosion by 1995 can be ruled ineligible for federal price-support programs, loans, insurance and many other USDA programs.

"It's crucial that farmers use the 1993 and 1994 growing seasons to get their compliance plans implemented," said Dan McCain, field specialist at the Conservation Technology Information Center (CTIC) in Indiana.

Compliance plans — which had to be filed with local Soil Conservation Service offices by 1990 — were only a first step, McCain said.

"Making the actual changes in the field may be more of a challenge than it seemed when planning them on paper," he said.

Crop residues a key

Farmers have many options for reducing soil erosion. For example, they can change rotations in favor of crops that cover the ground better, such as small grains, corn, hay or pasture.

They can farm across slopes instead of up and down them, or install terraces or a strip-cropping system.

But the most popular option, according to McCain, is crop residue management — doing less

tillage in order to leave more dead stalks or straw on the soil surface. At least three-fourths of the compliance plans include residue management, he said.

The most intensive form of residue management is no-till farming, where farmers completely eliminate plowing, disking, and cultivating. The only disturbance of the soil occurs when the planter makes a slot, drops in the seed, and closes up the slot again. All crop residues remain on the soil surface.

Mulch tillage popular

However, many farmers don't want to go all the way to no-till. So they're learning how to do just enough tillage to help control weeds, mix fertilizer and herbicides into the soil, and prepare a seedbed. It's called "mulch tillage."

Farmers who practice mulch tillage don't use implements that bury all crop residues, as the traditional moldboard plow does. Field tools such as chisel plows and field cultivators, that lift the soil rather than invert the residue, are more common.

But mulch-tillers get many of the benefits of tillage. Mixing fertilizer into the soil places it where it will be available to plant roots and prevents potential losses of nitrogen fertilizers to the atmosphere.

Weed control can be another benefit. Loren Bode, University of Illinois agricultural engineer, said tillage alone reduced weed pressures by 50 to 80 percent in University studies.

Incorporating herbicides

What's more, some highly effective herbicides require tillage to incorporate them into the soil. For example, a 10-year weed-control study conducted by Dr. Leon Wrage at South Dakota State University showed that Eradican, a preplant incorporated (PPI) herbicide for corn, had an average grass control rating of 87 to 91 percent. Herbicides that weren't incorporated provided lower average control — 82 to 84 percent.

"Farmers are looking for ways

to keep these herbicides in their plans, said John Benson of Benson Agri-Service, a farm supply dealer in Lewiston, Minn. He said it used to be typical for farmers to bury nearly all crop residues with tillage when using PPI herbicides.

Last spring, however, one of his customers had Eradican impregnated on dry fertilizer, then had the mixture spread onto a field of untilled cornstalks. The farmer incorporated with a combination disk-cultivator tool, then planted, leaving the ground more than 50

percent covered by crop residues while attaining excellent weed control.

"Farmers and farm suppliers are finding innovative ways to meet compliance requirements," McCain said. "By exploring all the options and working with them in the field, most farmers are able to achieve compliance with a minimum of disruption to their operations. In fact, many conservation-minded farmers have had to make little or no changes in the way they farm."

Northrup King Builds New Seedstock Facility

WASHINGTON, Iowa — Northrup King Co. is investing \$7 million to demolish an old plant and build and equip an entirely new seedstock facility here.

The company expects the new plant to be fully operational by November 1, 1993, in time for Washington's 25 full-time and 36 seasonal employees to condition the 1993 corn and soybean seedstock crops.

When the dust settles after demolition, begun in mid-November, only two warehouses will remain from the current facility. The new construction will include a conditioning tower along with buildings to house the latest in husking, sorting, drying and shelling equipment.

Greg Kegler, Northrup King seedstock plant manager, explains the significance of this new construction.

"The Washington, Iowa, facility is one of the links between plant breeders and corn growers. The seedstock we multiply and condition here represents the parents of the seed planted by corn and soybean growers," Kegler said. "Our job is to multiply and condition the seed from each parent in preparation for commercial seed production. This whole process revolves around an efficient plant."

"This new facility will help us maintain seed quality and genetic purity in several ways," Kegler said. "Gravity tables help us eliminate lightweight and damaged kernels. We've also doubled the size of our genetic purity lab, which measures the percentage of foreign genes in a seed sample using isozyme technology."

Researchers conduct a genetic purity analysis by germinating a small amount of seed and analyzing the proteins present. Each parent has distinctive proteins, enabling detection of impure samples, which are discarded. The expanded lab enables faster

analysis and quick turnaround of samples, especially important for winter production from Florida and Chile which is received and conditioned in spring for planting that season.

"Plant breeders give us genetically pure seed and it's up to us to maintain that purity every step of the way. This facility will have the most advanced equipment to help us assure our customers of corn hybrids and soybean varieties that germinate well and perform up to growers' expectations," Kegler said.

Northrup King worked closely with engineers to custom-design the Washington seedstock conditioning plant to gently handle delicate parental seed. In addition, electronic dryer monitors continually measure drying temperatures and moisture levels to protect germination.

Process control equipment will also enable gentle, automated seed handling. These technologies will enhance efficiency at the facility, speeding harvest and reducing the risk of frost damage.

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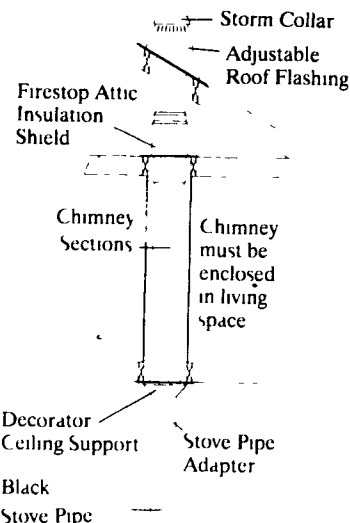
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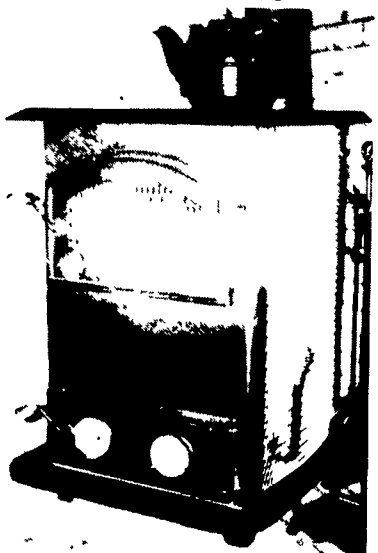
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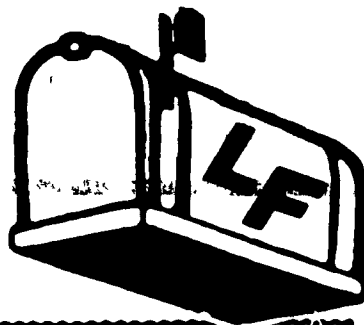
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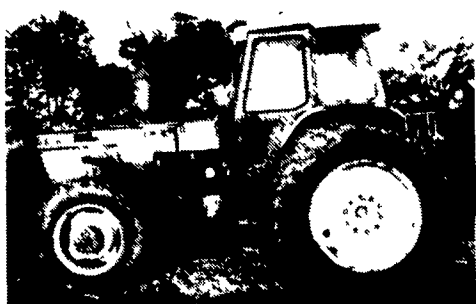
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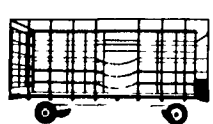
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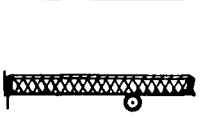


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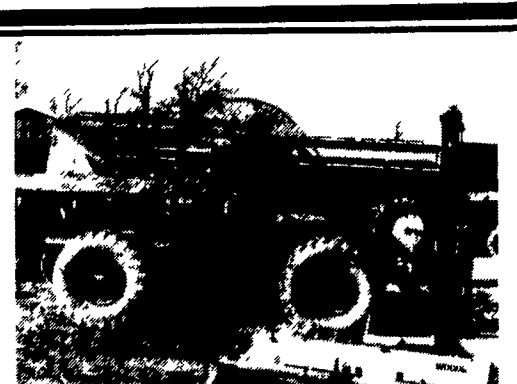
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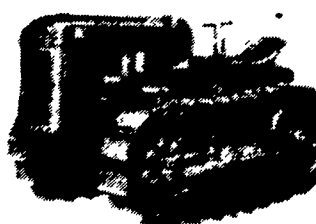
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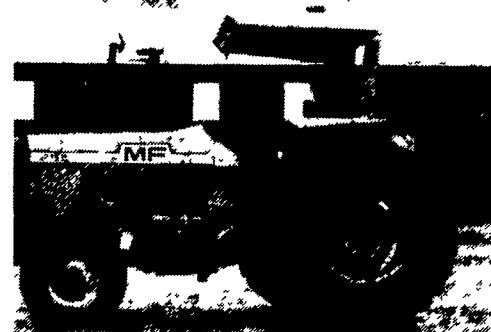
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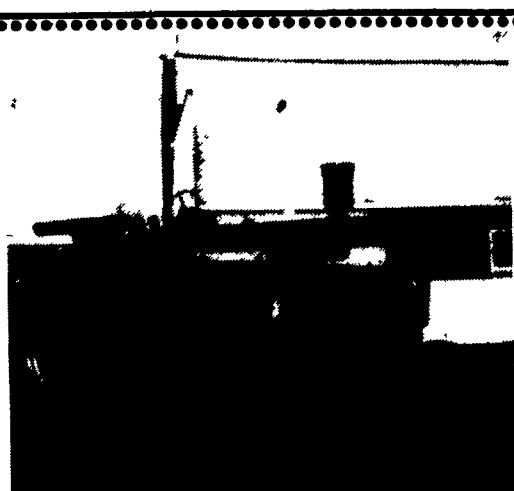


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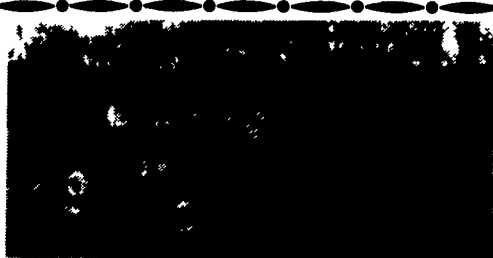
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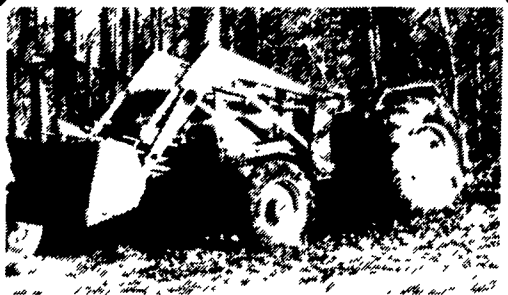
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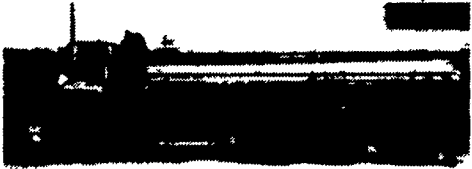
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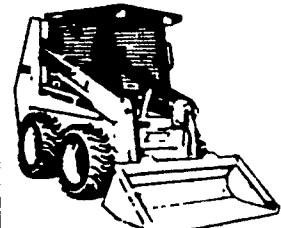
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New Tractors In Stock:
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3255 MFWD w/Cab
JD 6400 MFWD w/Cab

TOBIAS EQUIPMENT CO., INC.

Hallfax, PA 17032
Phone: 717-362-3132

TRIPLE H EQUIPMENT

Wakefield, PA

717-548-3775 or 717-548-2094



NEW VICON EQUIPMENT

- (8) PS 303 Spreaders
- (6) PS 503 Spreaders
- (1) PS 803 Spreader
- (8) 31 Ft. Auto Stabilizer Booms
- (1) 365 Gal. Truck Mt. Sprayer
- (1) 500 Gal. Truck Mt. Sprayer

MISCELLANEOUS.

Special - Land Pride 3 Pt. Blades & Finishing
Mowers!

- (2) Blumhardt 500 Gal. Sprayers
- (2) Blumhardt 240 Gal., 3 Pt. w/47 1/2' Booms
- (2) Blumhardt 160 Gal., 3 Pt. w/31' Booms
- (3) Ag Chem 500 Gal. Tank and Frame

KRONE-NIEMEYER

- (1) HR 301 Tedder, 10 Ft.
- (1) HR 771 Tedder, 24 Ft.
- (2) 9 Ft. Disc Mowers
- (2) RS311 Rakes
- (2) RW321 Tedder Rakes
- (3) RS500-D Rakes, 15 Ft.
- (1) RS620 Rake
- (1) 242 Mower Cond., 3 Pt.

Special Prices On Krone-Niemeyer Items

NEW MASSEY-FERGUSON

- (1) MF 231 Tractor
- (1) MF 253 Tractor w/Shuttle
- (1) MF 390T-4 Tractor
- (1) MF 375-4 Tractor w/Cab
- (2) MF 1020 Hydros w/Loaders
- (2) MF 1035 Tractors w/Loaders
- (1) MF 1180 4WD Tractor w/Loader
- (4) MF Loaders
- (2) MF 3 Pt. Disc Harrows
- (1) MF 72 Tedder

Vermeer

- (1) R-23 Rake, Demo
- (1) R-23 Rake, New
- (1) Bale Wrapper
- (2) 504 IF Silage Balers
- (1) 504 I Baler
- (1) Vermeer 14 Ft. Drill (Rental)
- (2) Vermeer 14 Ft. Drills

USED EQUIPMENT

- (1) MF 1035 Compact Tractor, 4WD
- (1) JD 1500 No Til Drill
- NH No. 27 Forage Blower
- (1) NH 175 Round Bale Feeder
- (1) NH 8 Ft. Rotary Discmower
- (1) Vicon 6-Basket Rotary Tedder
- (1) Vermeer 605D Baler
- (1) Kuhn Tedder, 16 ft.

P A R T S For KINZE and John Deere® Planter Row Units And New Idea Built By KINZE

Not Only Do
We Have Your **PARTS...**
We Can Also Test Your Finger Pickup
Row Units On Our Computerized Test Stand

KINZE • JOHN DEERE • NEW IDEA • KINZE •

HAVE YOUR CORN PLANTER READY FOR SPRING!

Now Testing

• KINZE • JOHN DEERE
• CASE IH • NEW IDEA

Computerized Testing Means
More For Your Money!

FINGER PICKUP ROW UNITS	ROW UNIT SEED COUNT SENSORS	PLANTER MONITORS
----------------------------------	--------------------------------------	---------------------

Drop Them Off Or
Ship Them Into Us

WE REPAIR

AFTER ROW UNIT IS REPAIRED WE TEST
RUN EACH ROW UNIT ON OUR
COMPUTERIZED TEST STAND TO MAKE SURE
EACH UNIT IS PLANTING TO MAXIMUM
EFFICIENCY - THEN WE GIVE YOU A READ-
OUT OF EACH ROW UNITS' PLANTING ACCURACY

DON'T WAIT! Call Binkley & Hurst Bros. Now
And Schedule Your Winter Repair... Save \$
And Be Ready When Spring Rolls Around!

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BINKLEY & HURST BROS. INC.

133 Rothville Station Rd.
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After Hours Emergency Parts Call: (717) 626-0885
(717) 626-5159 (717) 626-8768



Best Buys in Used Equipment

Discount Days Used Machinery Specials

Let's Get Together Now!

- (1) Hesston Model 6650 14 Foot Self Propelled Mower Conditioner With Cab & Air, Perkins Diesel Power, 18.4x16 1 Tires, Stub Guards, Completely Serviced, Good Condition, Priced To Sell, Let's Get Together Now!
- (2) 2 Cycle Powered 4 Wheel Golf Cart, UT2282, Used Around Our Shop, A Very Handy Tool For Around The Farm..... Only \$970 \$880
- (3) 3 Pt. Snow Blower 102" Wide With Double Augers, Large Blower Fan, 540 PTO, Hydraulic Spout Control Less Cylinder, In Good Condition \$1,950
- (4) New Holland 495 12 Foot Mower Conditioner With Good Conditioning Rolls
- (5) IH 21x7 Grain Drill, Single Disc, Seed View Cups, In Good Condition, UM1998
- (6) UM2035 Miller 12 Foot Offset Transport Disc Harrow With Hydraulic Leveler, Hydraulic Lift With 4 Transport Wheels
- (7) UM2043 26 Foot Wilch Field Cultivator With Tandem Axles Under Main Frame And Singles Wheels On Wings, 3 Row Coil Tine Harrow With Hydraulic Lift And Fold, Reasonably Priced
- (8) A O Smith Grinder Blower With Loading Elevator, 540 PTO
- (9) IH Model 500 Transport Disk Harrow, 14 Foot With New 22" Blades On Front Gangs
- (10) Badger 950 Forage Box With Roof On 12 Ton Tandem Axle Heavy Duty Running Gear, Very Reasonably Priced
- (11) UM2070 12 Foot Bush Hog Model 1438 Dual Wheel Transport Disk Harrow Only \$1,275
- (12) Dodge Powered Motor Home with Automatic, Generator System And Air Condition, New Carpet, Gas-Electric Refrigerator, Rebuilt Engine, With Kitchen & Bathroom, Gas Hot Water Heater Needs Repair, Porchawning, Sleeps 8 Stop In For Details
- (13) UM2072 Model B60 Sweepstar Broom 60" Wide x 24" Dia, Front Mount PTO Drive..... \$525 Come And Make Your Deal
- (14) UM2074 IH Model 370 Transport 14 Foot Disk Harrow Only \$995
- (15) UM2076 Gehl 99 Blower..... \$495
- (16) UM2085 Ford 3 Pt. 6 Foot Flail Mower..... \$875 Only \$450
- (17) UM2088 Rhino SE7 3 Pt 7 Foot Rotary Mower..... \$950
- (18) UM2093 Like New John Deere Model 516 3 Pt. Rotary Mower 5 Foot Width With Chain Deflector Kit
- (19) UM2094 General Eager Beaver Trailer 18-Ton With Electric Brakes, 17 Foot Flat Deck and 5 Foot Beavertail \$1,950
- (20) UM2097 Shaver 3 Pt. PTO Post Hole Digger 12", Used Very Little
- (21) UM2105 John Deere 7000 Conservation 6x30 Planter With Dry Fertilizer, Double Disc Openers, Cross Fill Auger, Monitor With Radar Sensor, Unit Mounted No-Till Coulters, Insecticide and Markers, Good Paint, Good Condition, Also Has 5 Row Trailing Interplant Unit With No-Till Coulters
- (22) UM2106 Used Case IH Model 183 Cultivator, 6 Row 3 Pt With New Shovels and Guide Coulter and Park Stand
- (23) UM2168 7 Shank Glencoe Soil Saver
- (24) UM2118 Ford 14 Foot Field Cultivator
- (25) UM2121 IH 5100 16x7 Grain Drill With Good Fertilizer Attachment, Grass Seeder, Press Wheels And Double Disc Openers, Nice!
- (26) UM2122 John Deere 145 Plow 5 Bottom 16" With New Coulters Last Year..... \$600
- (27) UM2124 New Idea 14 Foot Model 602 Forage Box, 2 Beater, No Roof On John Deere 1065 Gear, Good Condition \$1,275
- (28) UM2126 John Deere 336 Baler With Thrower In Good Condition
- (29) UM2095 Like New! Case IH Model 710 Front End Loader, Heavy Duty Quick Attach With Self Leveling And 96" Bucket, Come & See
- (30) UM2130 Oliver 12 Foot Transport Disk Harrow With Scrapers and Packer Hitch..... \$993 OBO
- (31) UM2131 John Deere 1530 12 Foot Dual Wheeled Transport Disk Harrow, Complete With Cylinder & Hoses
- (32) UM2134 Taylorway 24 Foot Hyd Fold wing Disk Harrow With Rock Flex Hangers, 12 Foot Transport Width, Frame In Good Condition, No Rewelds
- (33) UM2167 Zimmerman 3 Axle 9 Ton Trailer In Good Condition
- (34) UM2137 IH 5100 Grain Drill 16x7 With Fertilizer, Double Disk Openers And Rear Mount Grass Seed Attachment
- (35) UM2141 IH 5100 Grain Drill 18x7 With Fertilizer Attachment, Low Rear Mt. Grass Seeder Attachment, Staggered Double Disc Openers, Dual Rib Tires
- (36) UM2142 Sunflower Soil Finisher Like New Model 6211-13, 13 Foot With Walking Tandem Transport
- (37) UM2166 Krause 1580 Rock Flex Disk Harrow, 19 Foot
- (38) UM2129 Richardson 700 Dump Wagon, Come In For Details, Priced Right
- (39) UM2146 18 Foot Sunflower 1232-18 Disk Harrow Rockflex Used 2 Seasons, Traded On Larger Unit
- (40) UM2148 New Holland Model 310 Baler With Engine, Horse Drawn Type With Steel Wheels In Very Good condition, Stop In And See And Make Your Deal Now!
- (41) Same As New, Case IH Style Great Bend Model 330 Loader With Quick Attach, Single Lever Controls, 72" Bucket, Fits Case 990 and 995 and 1290-1390 Tractors And Other with Change Of Mounting Brackets, Haul Away Now And Get A Super Deal!
- (42) UM2151 White 1840 Heavy Duty Quick Attach Loader With 96" Wide Bucket, Will Fit White 2-155 Tractors & Others \$3,250
- (43) UM2154 Donahue Tandem Axle Machinery And Round Bale Carrier
- (44) UM2157 John Deere 7000 Conservaton Planter 6 Row x 30" Reconditioned
- (45) UM2158 Schoessow 20 Foot Transport Feeder Wagon

Discount Days Used Tractor Specials, Come And Make Your Deal!

- (1) Case 110 HP Cab Tractor Model 2090 Power Shift With 540-1000 PTO, Completely Serviced, Ready To Work
- (2) Case IH 685 Rops Tractor Rated 62 HP With 2 Speed Power Shift, Only 866 Hrs. With 18.4x30 Rear Tires And 10.00x16 Front Tires, Dual Remote Outlets, 540-1000 PTO, (Ideal Tractor To Install A New Loader)
- (3) John Deere 31 HP Model 970 4 Wheel Drive Tractor With Rops, 6 Front End Weights, Less Than 20 Hrs., 9 Speed Transmission, 12.4x28 Rear Tires
- (4) Special Year End Discounts With Some Models Qualifying For 3.9 For 42 Months Or 6.9 For 60 Months Or 6 Month Waiver Of Int. And Payments With Additional Payments At 6.9 For 48 Months. Stop In For Details On This Special Program Pending Credit Approval. Come & Make That Deal Now! Factory Low Rate Financing Programs Expire 12-31-92
- (5) IH 1086 Tractor with Cab & Air With New 20.8x38 Firestone Radial Tires and Snap On Duals With Good Tread, Front End Weights, In Good Mechanical Condition
- (6) IH 1086 Cab & Air, Dual Shaft PTO, 20.8x38 With 20.8x38 Axle Duals
- (7) Nice IH 1586 Tractor With Cab & Air, 540-1000 PTO, 20.8x38 Tires With Axle Mount Duals, Rate Approx. 161 HP, 3 Sets Of Hydraulic Remote Outlets, 12 Front End Weights
- (8) Case IH 62 HP Model 685 MFD All Wheel Drive Rops Tractor, Row Crop Type With 15.5x38 Rear Tires And 12.4x24 Front Tires With Dual Shaft PTO 540-1000, With Model 2255 Heavy Duty Front End Loader With 84" Bucket, Very Good 1 Owner
- (9) Ford Model 8600 With Cab, Heater, 8 Speed With Dual Power, Engine Rebuilt, Dual Remotes, 540-1000 PTO, Nice Clean Tractor
- (10) Case 2290 With Cab & Air With Factory Duals Rated Approx. 129 HP Varying Up To 140 HP, 540-1000 PTO
- (11) IH 784 Rated 65 HP With 1921 Hrs, With 2250 Mount-O-Matic Loader, 18.4x30 Rear Tires, 540-1000 PTO And Hydraulic Outlet, Nice Clean Tractor
- (12) John Deere 3020 Diesel With Side Console Hydraulics, Wide Front, 18.4x38 Rear Tires, Was Locally Owned
- (13) IH 756 Diesel Wide Front Tractor
- (14) Case 480B Gas Loader Tractor With 80" Bucket
- (15) Case IH Magnum 7120 2 WD With 20.8x38 Radials, 3 Hydraulic Outlet Sets, 18 No Clutch Forward Speeds and 4 Reverse Speeds, Full Rack Of Front Weights, Large Optional Fuel Tanks, Warranty, Like New & Ready To Work
- (16) 80 HP David Brown Model 1410 Tractor With Rebuilt Trans., Very Reasonable Priced

Used Skid Loaders

- (1) Gehl 4400 Gas Powered Approx. 40 HP
- (2) Gehl 2500 Gas Powered
- (3) Case 1835B Diesel Uniloaders
- (4) Case 1845C Diesel Uniloaders With Aux. Hydraulics
- (5) UT2737 Case 1845 Diesel Uniloaders With Rops
- (6) Boom Lift For Gehl 4610, Come & See
- (7) Bobcat 642 Approx. 2010 Hrs., Ford Gas Powered With 60" Bucket, 10.00x16.5 Tires, Price Reduced, 1984 Model Hydrostatic
- (8) Gehl 5620 With 1912 Hrs. 52 HP With 72" Large Material Bucket, 12.00x16.5 Tires, Aux. Hydraulics, Sold New Oct. 91
- (9) Case 1830 Uniloaders With 60" Bucket

Used Forklifts, Backhoes, Crawler Loaders

- (1) Case 586E Forklift 6000 Lb. Lift, 14' Height, 1987 With New Tires, Ready To Work
- (2) Pettibone 88 4 Wheel Drive 34 Foot Forklift Extendaboom
- (3) Case 105 HP 1 Owner Case 1150 C Crawler Loader With 1 1/2 Yd. Bucket Nice, Trade-Up Now And Get Special Low Rate Financing
- (4) IH 125C Crawler Loader, Power Shift With Rops And Brush Sweeps, 78 HP \$7,900 Come & See
- (5) John Deere 450 C Crawler Loader, Nice, Come & See
- (6) Case 580E Backhoe With Cab, 4 Wheel Drive, Priced Right, Come & Make Your Deal!
- (7) Case 580B Diesel Loader Tractor With Counterweight With Power Shuttle Reverse (No Clutching)

Year End Cash & Carry

Discount Specials

Now Thru Jan. 9th

On Miscellaneous

New Equipment

- (1) Demo 600 Gallon Sprayer With 45 Foot Floating Boom With PTO Centrifugal Pump, Tandem Axle For A Smoooth Rider, With Foam Marker Kit, Electric Controls, No Drip Nozzles, Operator Platform, Clean Water Tank For Operator To Wash To Eliminate Spray Material Handling Dangers, Stop For More Details On This Quality Sprayer Now!
- (2) Heavy Duty CTI Pallet Forks To Fit Loader Buckets, Comes With Quick On And Off Mounting Brackets, Model 40 Capacity 4000 Lb. And 2500 Lb Size In Stock And Other Sizes Available
- (3) Rhino 3 Pt. SE7 Cat II Rotary Mower With Slip Clutch And Laminated Tail Wheel
- (4) Rhino LR Model 3 Pt. Blades, 55 HP Rating, 6-7 and 8 Foot Sizes
- (5) Rhino 950 3 Pt. 9 Foot Blade With 3 Way Hydraulics, 95 HP Rating
- (6) Rhino R900 3 Pt. 8 Foot Blade Rated 125 HP
- (7) Rhino Model 160 HP Rating 3 Pt. Blade With 10 Foot Moldboard With 3 Way Hydraulic With 18" Height Moldboard, Cat II or III
- (8) Rhino Post Hole Digger RPHD 12" Auger \$590
- (9) Greenline 3 Pt. EM500 Post Hole Digger With 9" Auger #No.6281
- (10) 3 Pt. Salt or Fertilizer Spreader, Also Seed Broadcaster Up To 600 Lb Capacity
- (11) Bush Hog RTS 38" 3 Pt. Rota-Tiller, Don't Miss A Super Year Deal!
- (12) Bush Hog RTS 50 3 Pt. 50" Rota-Tiller
- (13) Bush Hog RTS 62" 3 Pt. Rota-Tiller With Slip Clutch
- (14) Bush Hog Heavy Duty 3 Pt. Rota-Tiller 72" Wide Cat. II Hitch With Slip Clutch
- (15) Bush Hog 72" 3 Pt. Squeeler Rotary Mower
- (16) Bush Hog Batwing 15 Foot Pull Type Hyd. Fold Rotary Mower With Hyd., Get A Super Deal
- (17) Danuser Model 20 to 40 HP Rating 12" 3 Pt Post Hole Digger With Serrated Edges
- (18) Fuerst Harrow Drag Type 10 Foot For A Super Leveling Job..... Only \$790
- (19) Rubber Tire Scrapers With Quick Couplers For Skid Loaders And 3 Pt. Hitch Models, See Us For Your Needs
- (20) Meyers 518 TSS AL Forage Box 16 Foot, Total Speed Drive Variable, With 3 Beaters & Roof
- (21) Martin 7 Ton Running Gear w/Quick Hitch & 8x15 Wheel, 6 Lug..... \$490
- (22) Martin 8 Ton - 10 Ton - Single Axle 12 Ton And Tandem Axle 12 Ton, Limited Supply, Reasonable Prices
- (23) Midwest Buster Bars, Various Sizes In Stock
- (24) McCurdy Gravity Bins From 145 Bu. to 400 Bu. Cap
- (25) Running Gears, Single Axle 8-10-13 Ton and 12 Ton Tandem
- (26) Gravity Bin Augers 6"x12" Hyd. Drive, Steel w/Steel Flighting
- (27) Also Augers Plastic w/Nylon Flighting
- (28) Auger w/Bristle Flighting For Handling Seed
- (29) 6"x14" Auger For Truck Mount
- (30) McCurdy Perfecta Harrow II w/Leveler Bar And Rolling Basket, Call For Sizes To 28' Wide
- (31) McCurdy Rolling Harrow II Soil Conditioner From 12' to 37' Hyd. Wing Fold
- (32) Brent Deep Tillage Conservation Tool w/5 Automatic Reset Shanks 24" Dia. Disc On Adjustable Gangs, 12'6" Working Width, 16.5x16.1 Tires Wt. 8,600 Lbs. Recommended 180 HP, Buy At Reduced Price For Only \$11,750 Don't Miss This Bargain, Ask For Amos Sr.
- (33) J&M 350 Bu. Gravity Bin On 13 Ton Gear w/Quick Hitch 10x20 Truck Tire Unit Discounted \$3,500
- (34) Balzer Conveyer Boxes 10'x16" Hydraulic Drive At Super Year End Specials, Come In And Make A Deal!
- (35) Richardson Side Dump Forage Boxes 750 Cu. Ft. and 1000 Cu. Ft. Models
- (36) Pacer 3 Pt. 8 Foot Landscapers (They Really Work!) Come and See One Now!
- (37) Pull Type 8 Foot 2 Star 5 Rotor Hay Tedder For Speeds Up To 10 MPH
- (38) Super Sponge Weed Wiper Contact Herbicide Applicators In Stock
- (39) Woods Pull Type 10 Foot Rotary Mower And Stalk Shredder HP Rated 55 to 100 HP

Discount Cash & Carry Days Now Through January 9, 1993.

See Dec. 19th Issue - Pages D13 Through D23 For Details

Dear Valued Customer,

This year was certainly a challenge for all of us and sometimes in the rush of business, we may forget to say thank you. Without you we could not exist. We will always do our best to be of complete service you and to satisfy you.

We do appreciate your business. But most important of all, we wish you and your family a New Year filled with health and prosperity.

Binkley & Hurst Bros., Inc.

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located 1/4 Mile North of Rothsville

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BROS. INC.**

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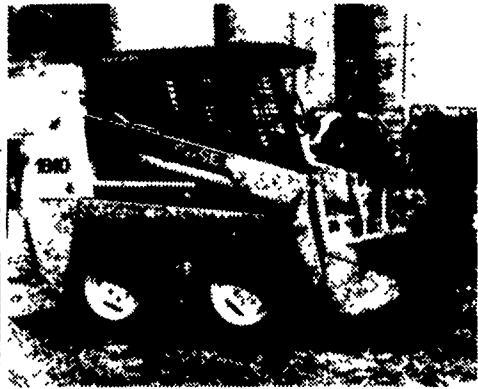
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1840

The Case 1840 skid steer delivers a rated operating load of 1350 pounds.



Heavy-duty
Compact
Reliable
Built to last
Well balanced
Versatile
Easy to operate
Easy to service

BIG productivity, small package

Compact but powerful
54" wide • reliable 50 net hp Case diesel engine • 3066 lbf breakout force

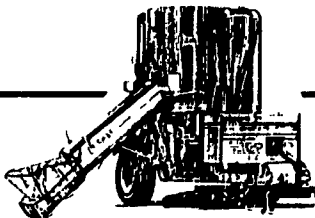
Productive
Dual bucket cylinders for maximum breakout force • excellent balance for bucket penetration

Easy to use
Hand or foot controls • low-maintenance hydrostatic drive • easy access to service points

Versatile
Quick-change coupler system for fast attachment of buckets, forks, augers and blades

CASE IH 1350 GRINDER/MIXER

• Flotation Tires
• 150 Bushel
• Scales
IN STOCK!



TAKE ADVANTAGE OF THIS SUPER DEAL!



New Magnum 7110, 2WD,
18 Speed Power Shift,
No Clutching From Forward
Into 4 Reverse Speeds,
Over 130 HP
(Demonstrator)

This Tractor Was Purchased
Before The Price Increase,
So Stop In For A Deal Now!

DON'T MISS THIS ONE! WE HAVE A SUPER DEAL ON A NEW DEMONSTRATOR CASE IH MODEL 5140 MAXXUM TRACTOR WITH ROPS, 2WD AND POWERSHIFT!



MAXXUM
MFV & 2 WD
TRACTORS
ROPS or Cab
Several In
Stock With
Special
Demo.
Dis-
counts!

BUY THE BEST FROM
BINKLEY & HURST
Case IH 5300
Grain Drills With
Press Wheels
SEE US SOON!



• 7110 - 130 HP
• 7120 - 150 HP
• 7140 - 195 HP

CASE IH TRACTORS - FROM BINKLEY & HURST BROS. INC. YOUR CASE IH DEALER!

IN STOCK!

NEED A PLOW TO PENETRATE HARD SOIL? THIS IS IT!

New Popular Case IH Model 145 Rollover Hydraulic Reset Plows Are Here!

18"
3 Bottom
& 4 Bottom



STOP BY AND SEE OUR SALESMEN AT THE PA FARM SHOW - CASE IH BOOTH!

BALE YOUR CORN FODDER WITH THE BEST NEW IN-LINE CASE IH BALER!



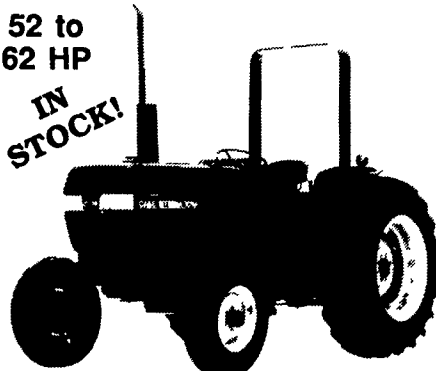
In Stock - Ready For
The Horses. Model
8520 Requires Less
Power Than Most
Conventional Balers.
Try One Now!

Is The Baler Getting
Tired? Ask For
A Demo Now -
Let's Make A Deal!

CASE IH 95 SERIES -

52 to
62 HP

IN STOCK!

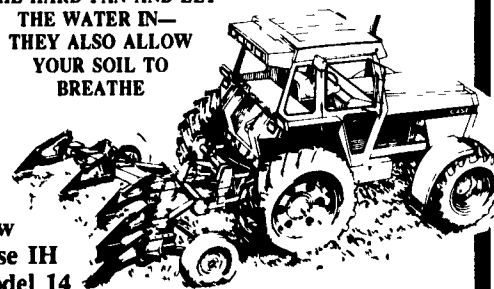


PURCHASE A NEW 595 TRACTOR, 52 HP,

If You Have Hard Soil Conditions - You Need A Case IH Ripper!

CASE IH 3 PT. AUTOMATIC RESET RIPPER SUBSOILERS HAVE PROVEN TREMENDOUSLY INCREASED CROP YIELDS BECAUSE THEY OPEN THE HARD PAN AND LET

THE WATER IN—
THEY ALSO ALLOW
YOUR SOIL TO
BREATHE



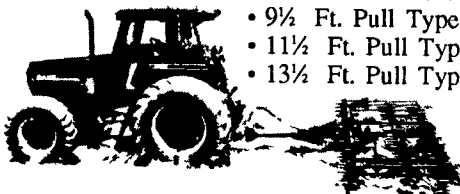
New
Case IH
Model 14
In Stock 5 Shank Auto-Reset

case

4500 Vibra Shank Field Cultivators

Sizes In Stock:

- 9 1/2 Ft. Pull Type
- 11 1/2 Ft. Pull Type
- 13 1/2 Ft. Pull Type



MARK THESE IMPORTANT DATES NOW!

Jan. 9 Thru 14th

Penna. State Farm Show
(See Us At Our Display)

Feb. 23 Binkley & Hurst
Bros. Customer Appreciation Day and
Open House With Very Important
Messages Of Agricultural Interest
For Today and Tomorrow

QUALITY GEHL BOX SPREADERS WITH LOTS OF FINE FEATURES



INCLUDING: • Gehl-Tuff Flooring
• T-Bar Chains
• Galvanized Sides
• 10 Yr. Warranty
On Sides & Floor

• These Sizes In Stock: MS 135-MS 205
MF 325-MF 425

*Binkley & Hurst Bros., Inc. Is
Your Place To Buy One Good
Spreader For A
Two-Spreader Farm*



THE NEW 300 SERIES GEHL LINE OF QUALITY SCAVANGER SPREADERS

From Liquid To Stable Manure
To Make Hauling A Pleasure

HANDLES ALL KINDS OF
MANURE-LIQUID, SEMI-SOLID,
PEN PACKED, EVEN FROZEN

The Big
Difference:
A Square Auger
Fewer Moving
Parts,
Fewer
Breakdowns

*The Most
Popular Spreader
On The
Market Today!*

Try This New
Case IH Loader
Tractor, 52 HP
Model 595
w/2250
Mount-O-Matic
Loader



Also: All Wheel Drive 595 Tractor w/Loader,
**CASE IH 2200 Loader In Stock For
Under \$2700 F.O.B.**
Check Out This Super Deal!

SEE DEC. 19th ISSUE -
DISCOUNT DAYS AD, PAGES
D13 THRU D23 - FOR
FULL COVERAGE!

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BINKLEY & HURST BROS., INC.
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Located 1/4 Mile North of Rothsville
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case



HUNTERS SPECIALS



Take Aim
On
These Deals!!



	Reg.	Cash Sale Price
• Ford 8 HP Lawn Tractor w/38" Mower	\$1995	\$1000
• Ford LT 12 HP Lawn Tractor w/38" Mower	\$2295	\$1375
• Ford YT125 Yard Tractor w/38" Mower	\$2795	\$1675
• Ford ST524B Snow Thrower	\$775	\$575
• Ford 917H Flail Mower 74"	\$2699	\$1850
• Ford 917L Flail Mower 60"	\$1712	\$1075
• Ford 702C Front Blade	\$1750	\$900
• NH 451 7 ft. Mower	\$3700	\$2400
• NH 450 ~~SOLD~~ Disc Mower 6 ft. 7 in.	\$5313	\$3300
• NH 258 ~~SOLD~~ Haybine 7 ft.	\$10100	\$6000
• NH 258 ~~SOLD~~ Disc w/Rubber Mt. Teeth	\$4550	\$2700

Financing Available

S.G. LEWIS & SONS, INC.
N. Jennersville Rd.
West Grove, PA 19390
(215) 869-9440

S.G. LEWIS & SONS, INC.
N. Jennersville Rd.
West Grove, PA 19390
(215) 869-9440



MASSEY-FERGUSON

NEW:

- MF 362 Tractor
- MF 1030 Tractor
- MF 1035 Tractor
- MF 1045 Tractor
- MF 399 Tractor
- MF 375 Tractor
- MF 240 Tractor

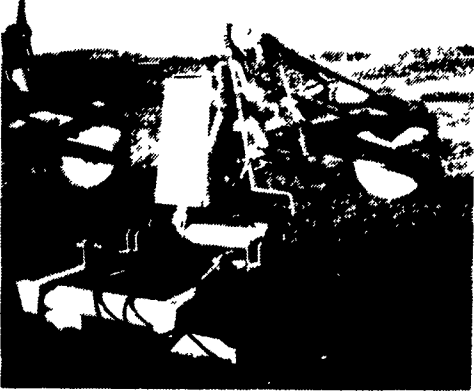
Lawn & Garden

- MF 212 Tractor
- MF 214 Tractor
- MF 218 Tractor

USED:

- Ford 545A Tractor/Loader
- Case 480D Tractor/Loader
- MF 20 Tractor/Loader
- MF 1020 Tractor w/Loader
- MF 35 Tractor w/Loader
- Ford 1600 Tractor w/Mower
- MF 35 Tractor
- MF 202 Tractor/Loader
- NH 8 HP Lawn/Mower
- S650G Satoh Tractor
- Ford 145 Lawn Mower
- AC 840C Loader
- Ford 530 Baler
- NH 310 Baler
- MF ~~SOLD~~ Discbine
- JD 12' Disc Harrow
- JD 450 Hydro Push Spreader
- NH 520 ~~SOLD~~ Discbine
- NH 514 Spreader
- NH 790 Spreader
- Brilliant 5'4" Landscape Seeder
- (4) Disc Mowers - All Sizes

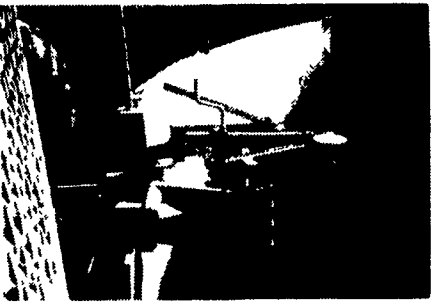
VORTEX



VORTEX Pumps

Check Out These Features

- Heavy duty construction means years of service
- Controls conveniently placed (no need to lean out over pit.)
- Maneuverable nozzle rotates 270° to reach out there and tear up that crust
- Low positioned fill pipe to bottom fill spreaders and trucks (allows hose to drain empty.)
- Has chopper blade and knives to handle bedding
- Matches your tractor horsepower 70 HP - 540 RPM 110 HP, 1000 RPM



NOLT SPREADING

SALES
HAULING

Agricultural Limestone — Liquid Waste

155 East Wood Corner Road
Lititz Pa 17543 (717) 733 8528

USED TRACTORS

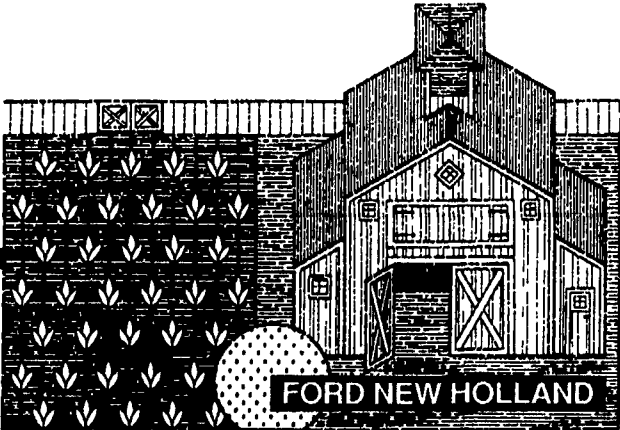
"Will buy or trade tractors"

JD 4850, 4WD, PS, SGB, Wte.....	\$43,500
JD 4440 SGB, power shift, nice cond ..	\$19,500
JD 4240, SGB, QR Trans., 1982, sharp	\$18,500
JD 2940 SGB, 2 hyd. hi/lo, original.....	\$16,600
JD 4040 SGB, QR, Trans, 2 Hyd.	\$15,500
JD 2940 4 WD, New Tires, 3200 hrs.	\$13,400
JD 4430 QR trans. SGB, original.....	\$12,500
JD 4230 QR, new tires	\$10,800
JD 2550 Ind. PTO 38" rubber, nice	\$10,700
MF 2745, cab, air, 2046 hrs., duals	\$10,500
JD 4430 4 post creeper trans. orig., nice	\$9,800
JD 2840, 2 hyd. hi/lo, original.....	\$9,700
JD 1640 SGB, Same as 2350	\$9,400
JD 2440, 1982 Ind. PTO, nice.....	\$9,200
JD 4020, power shift, side console, nice.....	\$9,100
JD 4000, 1972, WF, Good Rubber, Nice	\$9,000
JD 2840 hi/lo, 2 hyd., 80 HP, late model.....	\$8,800
JD 4020 side console, WF, original	\$8,500
JD 2240 diesel, hi/lo, Ind PTO	\$7,900
JD 2630 ~~SOLD~~ Ind. PTO, 75 HP	\$7,800
JD 4020, PS, overhauled, cab, WF.....	\$7,700
JD 3020 diesel WF, nice	\$6,900
JD 2240, Ind. PTO, 50 HP, nice	\$6,800
JD 2130 hi/lo Ind. PTO late model	\$6,700
JD 2130 hi/lo, Ind. PTO Good rubber	\$6,500
JD 830 diesel 1160 org. hrs., 3 cyl.	\$6,400
JD 2030 del., Ind. PTO, 60 HP	\$6,300
JD 4010 Diesel, WF, 38" rubber	\$6,200
JD 125 del. skid loader, 2100 hrs.	\$6,200
JD 3130, 80 HP, same as 2840	\$6,000
MF 175, diesel, WF	\$4,700
JD 1120, diesel, 50 HP	\$4,000
JD 2010 del., NF, nice condition	\$3,000
JD 2010 gas, NF, nice original.....	\$3,000
Ford 9N w/Sauder ldr., nice	\$2,000
Wide front ends for JD 4020, brand new	\$1,300
TO4 Air Research Turbo For JD 2630	\$800
18.4x34 JD axle duals for 4020.....	\$600
16x9x38 snap on duals	\$500
Cab off JD 4020	\$500
JD 4020 or 3020 toplinks brand new	\$175 ea.

Zimmerman Elevators, Hay Tedders
Wagon Gears & Forage Wagons
Farmco Metal Feeder Wagons, Bale
Bodies & Country Boy Gravity Bins
JD Front & Rear Weights J&L Hay Savers

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OPEN HOUSE



FORD NEW HOLLAND

Bring The Family! Refreshments & Door Prizes!

Dear Valued Customer:

We Would Like To Take This Opportunity To Invite You To Our Open House Celebration On January 4 Thru 9, 1993.

In Our Parts Department We Will Offer 10% On Parts Paid For At Open House. Excluding Those Special Marked Prices On Attached Sale Special Listing. Call And Give Your Order Early.

In Our Sales Department We Will Have Some Excellent Prices And Programs On Machinery Purchased During This Week.

In Our Service Department We Are Offering A 10% Discount On Repairs Done, And Paid For During January And February. If Arrangements Were Made With Russell During Open House Week.

Lunch Will Be Served Every Day 11:30 A.M. Thru 1:00 P.M.

Except Saturday (Cooks Day Off)

Hours Are Monday Jan. 4 8:00 A.M. To 5:00 P.M.

Thru Thursday, Jan. 7

Friday, Jan. 8 8:00 A.M. To 8:00 P.M.

Saturday, Jan. 9 8:00 A.M. To Noon

On Friday, January 8 The Ford New Holland Service Rep. Will Be Here To Answer Any Questions You May Have, On Any Of Their Equipment.

So Take A Break, Come In From The Cold, And Visit Us And Your Neighbors.

Sincerely Yours,
Charles S. Snyder Inc.
Route 3 Box 109
Tamaqua, Pa. 18252
717-386-5945

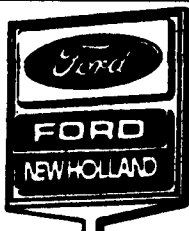
OIL SPECIALS	LIST PRICE	FNH REBATE	OPEN HOUSE SPECIAL PRICE
134 Hydraulic Oil & 15W40 Oil			
2.5 Gallons	\$ 13 00	\$ 11.50	\$ 10.50
5 Gallons	\$ 25.00	\$ 22.00	\$ 20.00
30 Gallons	\$139 00	\$121 00	\$109.00
55 Galions	\$240.00	\$207 00	\$185.00
80-90 Gear Oil			
2 Gallons	\$ 11 00	\$ 10 00	\$ 9.00
30W Engine Oil			
2 5 Gallons	\$ 13 00	\$ 11 50	\$ 10.50
55 Gallons	\$240.00	\$207 00	\$185.00

FNH REBATE Month of January & February
OPEN HOUSE SPECIAL PRICE January 4-9 CASH SALES ONLY
(THIS PRICE INCLUDES REBATE FROM FNH)

OIL & AIR FILTER SPECIALS	LIST PRICE	OPEN HOUSE
76,7700 Series		
D5NN 6714A	\$ 8 71	\$ 6.95
Dual 300 Oil Filter (3&4 Cyl Tractor)		
E7NN 6714AA	\$ 3 69	\$ 2.95
Engine Oil Filter (6 Cyl Tractor)		
E7NN 6714BB	\$10 69	\$ 8.50
Fuel Filter (Most Ford Tractor)		
EDPN 9N074AA	\$ 3 21	\$ 2.73
Fuel Filter (Most Compact Diesels)		
SBA360720020	\$ 1 99	\$ 1.70
Outer Air Filter (3&4 Cyl Tractor & Backhoe)		
E9NN 9600AA	\$29 89	\$25.41
Outer Air Filter (3&4 Cyl Tractor Pre 1975)		
E6NN 98618AB	\$15.39	\$13.09

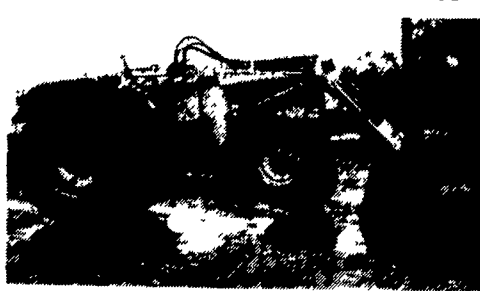


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Haybuster 107
\$3,000
410-833-9091



Deutz 4506
4x4, 2100 Hrs., w/DL 2+2 Loader
\$9,000
410-833-9091

DX 120 Deutz

A1 Shape, Cab,
New Rear Tires
Must Sell -
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Can See Day or
Night 7 Days
A Week

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York County



JD 300 (JD 1020)
Orchard Model, 54" Wide
\$3,000
410-833-9091

Norm Shores & Son Tractor

RR 5, Towanda, PA 18848

717-265-9014

Delivery Available-Lease Financing Available

USED TRACTORS

Ford 7710 Series II, 4x4, no cab, w/Ford 777F loader, 1500 hours, very nice
Ford 6600 diesel, dual remotes, front & rear weights, nice clean tractor
Ford 5000 Dsl., 8 spd., flat deck model w/dual remotes, good condition
Ford 4000, 4 Cyl., gas, 5 speed, live PTO, PS, remotes, excellent
Ford 801 Dsl., 5 spd., live PTO, PS, weights, remotes, new paint
Ford 9N w/weights, front snow plow, excellent
JD 4440, cab, air, quad range, front weights, rear weights, dual remotes, 20x38 radials, nice clean tractor
JD 4050 4x4, cab, air, power shift, fully equipped, excellent
IH 886, factory cab & air, 1980 model, 1800 original hours, excellent condition
IH 966 w/roll bar & canopy, 18x38 tires, difflock, dual remotes, very nice
IH 986, 1980 Model, cab, air, dual remotes, digital, excellent

IH 1086, 1981 Model, cab, air, dual remotes, 20x38 tires, digital, fresh TA and clutch, front weights, excellent
Case 1070 power shift w/factory cab & heat, ~~SOLD~~ remotes, dual PTO's, 18x38 tires, weights, good condition
White 2105, cab & air, 18x38 tires, front weights, rear weights, 2500 hours, excellent
Oliver 770 Dsl., NF, power booster, power steering, late one, excellent
Oliver 950 w/Oliver dsl. engine, factory hydraulics & PTO, very good original condition
Oliver 990 w/~~SOLD~~ dsl., factory hydraulics, PTO & ~~SOLD~~ pulley, very rare tractor
David Brown 990 dsl, remote hydraulics, live PTO, Power steering, nice clean tractor
David Brown 1212, power shift, dual remotes, front weights, excellent
AC 200 dsl. w/factory cab, nice clean tractor

1988 Ford NH 555 Delux Skid Steer, Kubota Diesel, 1064 Hours, Excellent

USED PLANTERS AND DRILLS

IH 510 16 double disc drill
IH 510 16 single disc drill
IH 13 double disc drill
JD 8300 18 double disc drill
HD 1240, 4R plateless w/dry fertilizer, good condition
JD 7000 4 R, conservation, dry fertilizer, no tills,

USED PLOWS AND CHISELS

Oliver 548 4x16 Spring automatic w/coulters, very nice
White 598, 4 bottom, variable width, auto reset, very good condition
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
Oliver 4340 3x16 trailer plow, excellent original condition
Oliver 548 5x16 auto reset w/curved coulters, side hill hitch gauge wheel, excellent
Glenco 9 tooth soil saver, very good condition
Glenco 7 tooth soil saver, good condition
IH 720 4x18 auto reset, coulters and gauge wheel, very nice
IH 710 5x16 Auto Reset, coulters & gauge wheel, very nice

USED DISCS AND HARROWS

Kewanee 12' rock flex finishing disc, very nice
White 253 12' finishing disc w/tandem wheels, very nice
Brillion 12' roller harrow, excellent
JD 310, 14' finishing disc, new 22" deep dish blades, tandem wheels and cylinders, excellent
Brillion 12' packer w/4" axle, very nice
White 265 11' heavy frame cutting disc w/tandem wheels & 24" blades

USED FORAGE EQUIPMENT

Gehl CB700 w/late style dolly wheel pickup head, hydraulic sharpener, manual controls
Gehl RC800 recutter blower, very nice
Gehl 10' ~~SOLD~~ dem axle, electric controls, 2RN, 7 1/2' pickup head, excellent condition
Gehl 1250, tandem axle, electric controls, 3 RN, 7' pickup, nice condition
Rex 3 beater w/roof tandem axle wagon, steel sides, very nice condition
NH 900 w/electric controls & tandems w/FNH 824, FNH 900 pickup, excellent
NH 782, electric controls, 540 PTO, 2 heads, good condition
JD 3960, ~~SOLD~~ 2 RW, 2RN 5' pickup, fully equipped, excellent
IH 56 forage blower, black stripe, excellent

USED HAY EQUIPMENT

JD 640 rake w/dolly wheel & rubber teeth
NH 320 w/#70 thrower, electric controls, just like new
NH 316 w/pan kicker, electric controls, excellent
NH 495 12' Haybine, very good condition
NH 256 Rake, w/rubber teeth, nice
New quality Diller 8x18 bale throw racks w/choice of 6 or 8 ton gears

LOADERS

Farmhand 190, QT w/independent valve, JD brackets, like new
Ford 772 QT w/brackets for 5000 thru 7610

USED HARVESTER HEADS

NH 3 RN Auger base package w/8' pickup
JD ~~SOLD~~ w/clutch
JD 3 RN corn head w/multi luber, good condition

Dual Agitation Saves Time Patz Model 477 Lagoon Pump

- Propeller agitates under the surface while nozzle breaks up surface crust.
- Agitation nozzle rotates 340 degrees.
- 540 or 1,000 PTO speed.
- Loads 3,200-gallon tanker as fast as 90 seconds.
- Up to 5 feet of height adjustment.
- 25-ft. and 35-ft. models available.
- 6.65% A.P.R. financing.

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TRACTORS

David Brown 1212
Case IH 275, 4WD, Cab, Like New!
JD 1650 w/Loader
Deutz 6265 w/Loader,
Coming In!

SKID LOADERS & UTILITY

Case 580D Loader Backhoe,
4WD, Cab, Extendahoe
Case 580C Loader/Backhoe
w/ROPS
Case 580C, Cab & Standard
Hoe (1 In Stock)
Case 580E, ROPS, Std.
Hoe — Coming In!
Case 1740 Unloader
Case 1816C Unloader
Case 1835B Skid Loader
Case 1835 Skid Loader

FORAGE

Assortment of Gehl 99-
Forage Blowers
IH 550 Harvester
NH 27 Blower
Gehl 1060 Harvester With
Auto Max (Metal Stop) w/2
Row Head & 7 Ft. Pickup

LAWN & GARDEN

Kubota F2100 w/5 Ft. Mower
& Dump Grass Catcher
Case 644 w/Loader

MOWER CONDITIONERS

Hesston 1090
Vicon 281 Disc Mower
Conditioner
Hesston PT10
(1) Case 555 Mower Conditioner
Case 650 Self Propelled
IH 1190 Mower Conditioner
NH 1495 Self Propelled
Gehl 880
JD 830 Self Propelled
JD 485 Mower Conditioner

PLANTERS

White 5400 4-Row Planter
IH 400 Cyclone Planter

MISCELLANEOUS

JD 10 Ft. Disk Harrow
Baltmatic Spinner Spreader
Hesston 5500 Round Baler
Woods C-114 Mower 9 1/2' Pull-
Type Mower
Woods HS-105 Offset Mower
NH 307 Spreader
IH 2355 Farm Loader,
Like New!
Case 1800 7-Shank Chisel
Plow
Case 3300 5-Bot. Plow

Limited Supply...
Notched Front NF 24"x5/16
Disk Blades For Miller!

Sales, Parts And Service For...
★ CASE UTILITY ★ GEHL ★ VICON ★ WFE
★ KUBOTA ★ HESSTON ★ SAME

1

**FARM
EQUIPMENT****USED EQUIPMENT**

NH 795 spreader
 NH 327 spreader
 Woods D315 bat-wing mower
 JB Sprayer 1000 gal, 5100 pump, hyd.
 booms, exc. cond.
 1982 GMC 7000 truck, 360 gas
 1981 GMC top kick 3208 cat
 JD 425 disc, 12' offset
 JD 8' offset disc
 NI 43' elevator
 DA KH 150 Rake 3 Pt.
 NH 326 Baler
 Ford 4000 Tractor
 MF 205 Loader Tractor
 NH L785 Skid Loader, New Engine,
 low hrs.
 NH L35 Skid Loader
 Woods C114 Mower
 10' Perfect mower w/arm
 JD 3 point rake
 Kuhn Double Rotary Rake
 NH 791 manure spreader
 NH 488 haybine
 NH 311 baler w/thrower (exc.)
 NH 326 baler
 NH 855 Rd. Baler w/Bale Command, exc.
 IH 445 baler w/thrower
 NH TR86 Combine w/heads
 21' Massey disc
 IH 1700 truck w/haybed
 Chevy C-50 16' grain dump, ex. cond.

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Cowan Equipment

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JD 5400 chopper, small knives, 1,900
 hrs., 3 row corn head & grass
 head, very sharp, 1 owner
 NH 1895 chopper, 4x4 w/corn & hay
 head
 NI 709 Uni System, 4 WD, excellent
 condition
 Gleaner F2, 4 cyl., turbo
 JD 2755
 JD 4450, cab & air, power shift, 4WD
 JD 2950, cab & air, 4WD, 38" rubber
 JD 2950, 4x4
 JD 2550, 4x4
 JD 4430, cab & air, quad range
 JD 4430, cab & air, power shift
 JD 4240, power shift, 4 post
 JD 4230, 4 post, power shift
 JD 4020 power shift, dual hyd.
 JD 4020, side console
 JD 4000 w/cab
 JD 3020, side console, hi clearance
 Ford 7710, cab & air, '91 model, 450 hrs.
 Ford TW25, cab & air, 4x4
 Ford 9700, cab & air
 Ford 5600
 Deutz DX140, cab & air, 4WD
 Deutz 130-06, 4x4, cab & air
 MF 1105, cab & air
 Oliver 1955
 Oliver 1855, 4WD
 IH 1566, cab & air
 IH 1486, cab & air
 IH 1066, cab & air\$9,000
 IH 856 w/cab
 IH 560 gas
 IH 574 utility
 White 2-105, cab & air
 White 2-70, red stripe
 Cat 930 4x4 loader
 NI 325 corn picker, 12 roll bed
 NI 325 corn picker, 8 roll bed
 NI 324 wide row picker
 Miller 12' offset disc
 Brillion 6 Row Cultivator
 Brillion 8 Row Cultivator
 JD 7000 corn planter, 6 row, no-till.
 Axle mount duals for IH 38"
 Roll guard for '2950.....\$650
 Turbo charger for a 4030
 Turbo charger for a 4230

Pearle **SOLD** PTO grain crimper, \$50
 JD 450C crawler loader, nice, \$11,000
 JD 310A backhoe, 2400 hours, \$11,000
 Michigan 110 Self-loading earth mover, Detroit
 Diesel, PS, \$7,000
 JD 7' roto-hoe, \$50
 Case 20' **SOLD** grain elevator, \$20

LESTER ZIMMERMAN
 Myerstown, PA
(717) 949-3582

**END OF YEAR SPECIALS
CASH AND CARRY DAYS**

Prices Good Dec. 26 to Jan. 9, 1993
 No Trade- Delivery Extra
 Does Not Apply To New Items.

\$500 to \$2,000 Less 10%
 \$2,000 to \$5,000 Less 8%
 \$5,000 to \$10,000 Less 6%
 \$10,000 to \$25,000 Less 4%

TRACTORS

** Case IH Maxxum 5130 w/IH
 Loader w/Extended Warranty\$24,500
 * Ford 4000, gas, 5 spd., PS.\$3,950
 ** Oliver 1650, gas, 2,900 hrs., hydro power,
 WF or NF\$4,950
 ** MF 285, multi power, wet brakes...\$5,950
 ** MF 180 diesel, multi power, 2,875 hrs., diff.
 lock & remote.....\$5,850
 ** AC 180, gas, cab, dual hyd, 700 hrs.....\$6,550
 ** IH 350 Utility, gas\$2,550
 * Super C Farmall, fast hitch, fenders
 & pulley\$1,975
 * Mustang 442 Unloader, diesel\$5,450
 ** Mustang 1700, gas, Ford engine,
 extra clean\$3,950

Harvesting Equipment

* NH 315 Baler w/70 Thrower.....\$3,550
 ** NI 484 Round Baler, 5x4 bale, in use...\$4,950
 * NH 258 Rake\$1,750
 * NH 256 Rake, dolly whls., rubber teeth \$1,675
 * NI 403 Rake\$775
 * NI 402 3 Pt. Rake\$675
 * Fella 3 Pt. Rake Tedder\$750
 ** IH #35 rake, dolly whls.\$1,875
 ** NI 323 super picker, extra clean &
 field ready ..\$2,275
 * JD 3800 chopper w/2RN head\$2,650
 * Fox SPF chopper 3 RN head,
 hay head\$3,550
 * MF hay head, fits 200 harvester.....\$450
 * Fox 3RN head, belted\$850
 * Gehl 2RN snapper head w/kit ...Call for price
 * MF 280 hay head **SOLD**\$450
 ** Badger TA-54 Blower, extra clean\$775
 * McCormick Grain Binder\$350

Planting & Tillage

** White 508, 5-16" reset plow, dished
 coulters.....\$3,450
 ** Kawanee 10' **SOLD** plow, excellent
 condition.....\$2,650
 * Case IH 18' 4 row cultivator, like new...\$1,550
 *** JD 416 hyd. reset plow\$1,250
 * IH 710 Plow 5-16", regular trip.....\$1,550
 * White 348 reset plow, 3-18"\$2,250
 * Oliver 3-16" cushion trip plow.....\$850
 * IH 3 btm. semi. mount, regular trip plow...\$850
 * Oliver 4 btm. semi mounted plow, regular
 trip.....\$975
 * 8 Tooth chisel plow, depth whls.\$1,150
 * Kawanee 4 section rotary hoe, 3 pt.\$675
 * Brillion Packers 9', 10', 11' & 12'\$550 to \$975
 ** Brillion 13' Packer.....\$1,895
 * IH 12' Vibra Shank w/leveler, 3 pt.\$975
 * Glenco field harrow, 10'\$750
 ** IH 510 grain drill, 16 DD w/grass seed...\$2,550
 * IH #10 grain drill, 13 disc w/grass\$875
 * McCormick 3 section spike harrow, like new\$395

**Manure Handling
Equipment**

*** NH 795 Spreader, TB & TG.....\$5,850
 ** NI 362 Spreader, **SOLD** loader.....\$2,950
 ** NH 520 Spreader, loaded 1 load, T rod, TB,
 litter pan\$4,975
 * Oliver Spreader, ground drive ..\$450
 * Dunham Loader **SOLD** fork & 7 1/2'
 bucket.....\$1,550

Miscellaneous

* NH 355 Grinder Mixer, scales\$3,550
 ** Artway 425 grinder mixer w/scale\$1,850
 * Century Sprayer 500 gallon.....\$1,250
 * Century Sprayer 300 gallon.....\$775
 * Pequea 6 1/2 x10' tilt top trailer\$695
 * Windpower Generator 18,000\$1,250
 * Ezee Trail 8 ton gear, 11L tires ...\$750
 * NI gear, bolster, 6 lug whls.\$395
 ** MF Industrial Loader, fits MF 150, 165, 175\$850
 * Ford 3 pt. post hole digger.\$575
 * Oliver Loader Fits 77 & 88 Tractors\$275
 * J&L Feeders Hay Savers\$725
 * Double S Hay Feeders FOB \$595
 * Farmco Feeders, 24' transport\$775

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4 Wheel Drive
 3 Years Old!
 Duals, Full Set
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\$32,000
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JD 4020 Tractor
 WF, dual remotes,
 1002 hours on
 motor, tires 70%,
 new paint
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**CASE IH
MAXXUM 5130**
 power shift, 18.4x38
 radials, 2,000 hrs.
 w/warranty w/IH 510
 quick attach loader,
 self leveling w/big
 bucket.
\$24,500
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 or
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Best Buys in Used Equipment**TRACTORS**

IH 424	IH 5488	JD 4630
IH 484	Case IH 395 w/Loader	JD 4430
IH MD	Case 2670	JD 575 Skid Steer
IH 656	Case 1845C Skid Loader	JD 2940 MFD
IH B	Case 1840 Skid Steer	MF 255 w/Loader
IH 4586	Case IH 495	MF 285
IH 1586	ST PT350	Ford Dextra
IH 3588	ST 251	Versatile 256
IH 574	ST Panther II	AC 6140

DISCS

AC 2600, 26'	IH 470 15'	(2) KR 1927, 25'
BH 16'	IH 770 Off Set, 26'	Oliver 12'
Case 18'	KR 4927, 25'	JD 14'
Case 30'	KR 2440	JD 235, 18'
IH 475, 17'5"	KR 1588, 17'5"	JD 210, 15'
IH 496, 22'	KR 4907 25'	JD 230, 20'
	KR 1966 31'	JD 310, 16'

FIELD CULTIVATORS

JD 22' Field Cultivator	Glencoe 21' Field Cultivator
KR 4129 42' Field Cultivator	IH 45 Field Cultivator 15'
(3) KR 3131 Landsman	IH 4500 Field Cultivator, 27'
KR 4100 37' Field Cultivator	IH 25' Field Cultivator
KR 3121 Landsman	Brady 15' Field Cultivator
KR 3122 Landsman	SF 25' Landsman
Case 26' Field Cultivator	WR 24' Field Cultivator
Glencoe 18' Field Cultivator	

PLOWS

CI 5600 Chisel Plow 11'	IH 700 7x16 Plow
CI 720 Plow, 5x16	IH 5600 Chisel Plow
CI 800 Plow, 9x18	Athens 156 Chisel Plow
SF 2330 Chisel Plow	JD 2350-2450 8x18 Plow
Ferguson 10' Chisel Plow	JD 5x18 Plow
IH 165 Plow 4x18 Rollover	JD 2800 8 Bottom Vari Width
IH 700 Plow 8x16 OL	KR 2321 Chisel Plow, 24'
IH 55 Chisel Plow	Oliver 568 Plow, 6x18

MISC. TILLAGE

UM 35' Dbl. Rolling Baskets	JD 10' Cultimulcher
DMI Tiger II Subsoiler 7 Shank	BR 14' Cultimulcher
Tebbins 7 Shank Subsoiler	BR 25' Cultimulcher
CI 10 Subsoiler, 5 Shank	BR 12' N Cultimulcher
AC 1600 Cultimulcher	BR 32' N X-Fold Packer
KR 3613 Land King	BR 25' CF Packer
DL 34' CF Packer	BR TP18 Packer
Lely Rotera 12'	IH 153 Cultivator, 4 Row

MISCELLANEOUS

Great Plains 15' No-Till Drill	JD 8300 Drill, 21x7
AC 333 15 Row Planter	JD 27 Shredder 15'
GP 24' Conventional Drill	JD 158 Loader
CI 5400 No-Till Drill	JD 8000 Drill, 21x7
CI 5300 Drill, 24x6 w/cultiplanter	IH 5100 Drill, 21x7
CI 8730 Forage Harvester	KR 5215 No-Till Drill, 15'
CI 5100 Drill, 24x6	NH 352 Grinder Mixer
John Blue 500 Gal. Sprayer	NH 354 Grinder Mixer

HAY EQUIPMENT

CI 8580 Baler	NH 90 Bale Stacker
Hesston 4900 Baler	MF 560 Round Baler
NH 56 Rake	

COMBINES

Case IH 1480	JD 4400	JD 9600
Case IH 1680	(3) JD 6620	MF 760
IH 1440	JD 7720 4WD	MF 540
(3) IH 1460	JD 7720 Titan II	NH TR 85
IH 1480	JD 8820 Titan II	NH TR 86

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WHITE TAG SALE!!! YEAR-END INVENTORY CLEARANCE!!! ALL USED EQUIPMENT IS PRICED ON WHITE TAGS

NEW ADDITIONS RECENTLY TRADED



IH 1440 Combine, 1979 1800 Hrs., 23.1x26 and 11.00x16 Tires, Cab w/AC, Heat, Radio, w/AHHC (W7504)



Case IH 1660 Combine, 1987, 2176 Hrs., 2 WD, Hydro, w/AHC, Cab w/AC, Heat, Radio, 30.5x32 Tires (U7501)



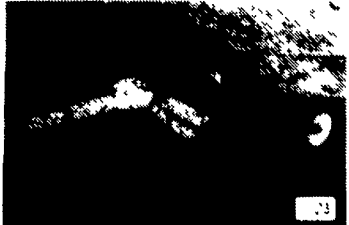
JD 7700, 1978 w/216-16" Platform & 643 Cornhead (U7350)



JD 2030 Tractor, 1973, Diesel, 2WD, WFE, 540 PTO, 3 Pt. Hitch, (Under 80 HP), 9.5Lx15 and 15.5x38 Tires w/#37 Loader, 40" Bucket (W7531)



MF 1805, 4WD, 1000 PTO, 3 Pt Hitch, Cab w/AC, Heat & Radio, 18 4x38 & Duals (W7426)



Woods 208 Mower, 10', 540 PTO, Excellent cond. (U7533)



Woods C114 Mower, 9/4 Cut, Belt Driven, 540 PTO, Good Condition (U7529)



IH 510 Disc, 16', 10" Spacing, 22" Blades (T7542)

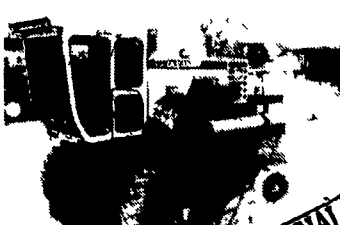


Krause 4300 Chisel, 22', Heavy Frame, 25 Shanks (T7507)



IH 710 Plow, 4-18", Semi-Mounted, Good Condition (T7512)

USED COMBINES



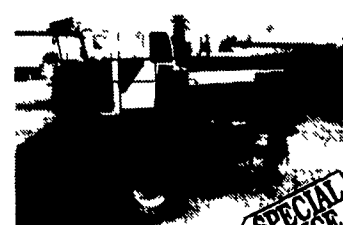
ACF2, Gear, 2WD, w/Rocktrap, 18.4x26 & 11Lx16, Cab w/AC & Heat, w/13' Rigid Platform & 4 Row Narrow Cornhead (U7241)



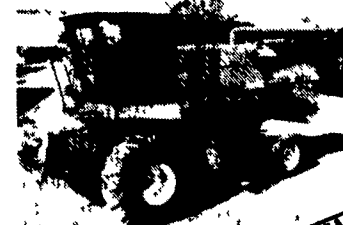
JD 6620 Titan II Side Hill, 1988 2200 Hrs., 4 WD w/Chopper, 915 Flex Platform (U6687)



JD 7720, 1981, Hydro, 4 WD, 30.5x32 & 16.7x26 Tires w/Chopper (U7154)



MF 860, 1981 w/18' Flex Platform, 2 WCD (U6668)



JD 6620, 1981 3180 Hrs., Hydro, 28Lx26 Tires w/215 Platform (U7343)



JD 6620 Sidehill, 2WD, 28Lx26 & 11.00x15, AHHC, Cab w/AC & Radio (U7065)



IH 1440 Combine 1978, 2WD, Hydro, 23 1x26 and 18 4x16 1 Tires, Cab w/AC, Heat & Radio, w/AHHC (U7068)

SPECIAL Case Credit Financing

On Combines

...3.9% For 42 Months ...6.9% For 60 Months
...6 Months Interest Waiver PLUS 6.9% For 48 Months

Conditions:

1. Order A Used Combine From Hooper's During Our YEAR-END USED EQUIPMENT SALE
2. Buyer Must QUALIFY for CASE CREDIT
3. Settle By December 31, 1992

USED HAY AND FORAGE



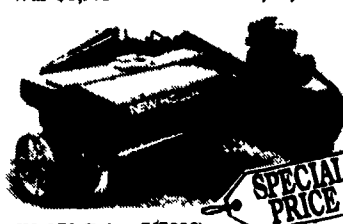
NH 269 Baler w/Wisconsin Engine (U7138)

NOW \$1,225



MF 124 Baler With Engine (U6789)

NOW \$1,595



NH 273 Baler (U7000)

NOW \$1,395



CIH 8545 Baler, 1990, Hyd. Pickup & Tension, w/8511 Thrower (U7289)



NH 1038 Bale Handler, Good Cond. (U7145)



Bush Hog 207 Mower, 3 Pt (U7172)

NOW \$850



Bush Hog 10' Mower, Gear Drive Cutter (U7164)



IH 100 Mower, 7' Sickle Bar, Fast Hitch (U7413)



Warner Rotary Mower, 7' (U7236)

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case

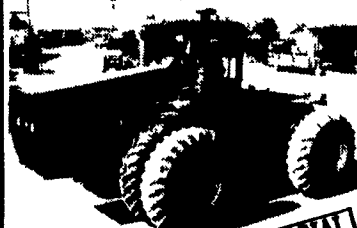
Best Buys in Used Equipment

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ALL USED EQUIPMENT IS PRICED ON WHITE TAGS

USED TRACTORS

Over 200 Horsepower & 4WD Models



CIH 9170, 3965 Hrs.,
20.8x42-20%, w/3 Pt.
(W6680)
Was \$68,750 **NOW \$61,750**

130 To 200 Horsepower



AC 8030, 4WD, WFE, 540/1000 PTO,
Powershift, 14.9x28, & 18.4x34 w/
Westendorf WL64 Loader & 72" Bucket
w/Grapple (W7092)



Case 1370, Diesel, WFE,
2 Hyd. Valves, 1000 PTO,
3 Pt. Hitch, 11.00x16 & 20.8x38,
ROPS (W7394)
Was \$9,500 **NOW \$8,900**



CIH 7110 MFD Tractor, 1990, 3 Hyd.
Valves, 540/1000 PTO, 14.9x30 and
18.4x42 Tires, Cab w/AC, Heat &
Radio, Toolbox (W7342)



IH 1586 Tractor, 2WD, Dual PTO, 3 Pt.
Hitch, 14.2x16 And 20.8x38 Tires, w/
Duals (W7435)



IH 4366, 200 HP, 4 WD,
3 Pt. 10 Speed (W6683)
Was \$16,900 **NOW \$15,400**



Steiger ST251, Diesel, 20.8x38 And
Duals, Cab w/AC, Heat & Radio
(W7227)



Steiger ST210, Diesel,
24.5x32, 3 Pt. Hitch w/
Top Link, Cab w/AC, Heat & Radio, New
Paint (W7087)
Was \$21,000 **NOW \$19,500**



Steiger ST225 Tractor
4WD, 4 Hyd. Valves,
10.8x34 Tires, Clamp-On Duals, Cab
w/AC, Heat & Radio (W7109)
Was \$35,900 **NOW \$33,900**

80 To 130 Horsepower



AC 6080, 2WD,
540 RPM PTO,
9.5Lx15 & 18.4x38 Tires, Cab w/AC,
Heat, Radio (W6054)
Was \$13,900 **NOW \$9,900**



JD 4430, Diesel, 2 WD
WFE, 540/1000 PTO,
18.4x38 Rear Tires, Cab w/
AC & Heat, Quad Range -
Trans. (W7054)
Was \$15,800 **NOW \$14,800**

SPECIAL Case Credit Financing

On 70+ HP Tractors

...3.9% For 42 Months ...6.9% For 60 Months
...6 Months Interest Waiver PLUS 6.90% For 48 Months

Conditions:

1. Order A Used Tractor From Hooper's During Our YEAR-END USED EQUIPMENT SALE
2. Buyer Must QUALIFY for CASE CREDIT
3. Settle By December 31, 1992

Under 80 Horsepower



III 1466, Dual PTO,
3 Pt. Hitch,
11.00x16 & 20.8x38 w/Duals, Cab w/AC,
Heat & Radio, 6 Mo. Warranty On Engine,
Clutch, TA & Drive Train., Excluding
Travel Time (W6962)
Was \$14,500 **NOW \$12,900**



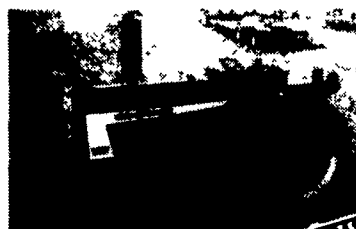
IH 656, Farmall, NFE,
3 Pt. Hitch, 6.00x16 &
15.5x38 (W7365)
Was \$6,300 **NOW \$5,900**



IH Farmall 504, 2 WD, WFE, 504 PTO,
6.00x16 & 13.9x36 (W7412)



IH 574, Single Remote, 16.9x28 Rear
Tires, w/Dunham #22 Loader (W7221)
Was \$6,200 **NOW \$5,650**



IH 666, Gas, T/A, 540
PTO, 3 Pt. Hitch,
WFE, 15.5x38 Rear Tires (W7240)
Was \$7,800 **NOW \$6,900**



John Deere 2940, 4 WD, Dual PTO, 2 Hyd.
Valves, 3 Pt. Hitch, 13.6x24 And 18.4x38
Tires, w/260 Loader (W7421)
Was \$26,000 **NOW \$24,900**

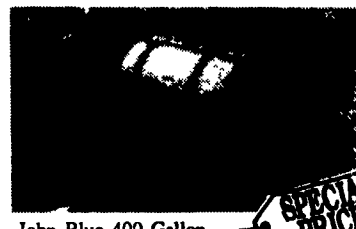
OTHER USED MISCELLANEOUS



IH 2000 Loader
w/Manure Fork (W7192)
Was \$1,800 **NOW \$1,495**



John Blue 400 Gal. Sprayer
Trailer w/Aluminum Tank
& L-4000 Pump (V6820)
Was \$2,500 **NOW \$1,950**



John Blue 400 Gallon
Sprayer, Gear Drive,
Ag Pump (V6678)
Was \$2,800 **NOW \$1,950**

USED PLANTERS AND DRILLS



Great Plains 15' Drill w/Pull Caddy,
Needs Blades In Front, 4" Press Wheels
(V6677)
Was \$5,500 **NOW \$4,900**



Great Plains 30' Drill, Folding (V6947)



IH 56 Planter, 4 RN,
Plate, Dry Fert.
(V7223)
Was \$1,250 **NOW \$950**

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USED DISCS



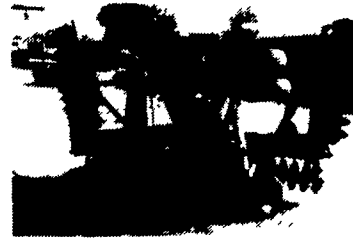
SOLD
Krause 2413 "Rockflex"
Disc 10" Spacing
w/New C Arms (T6767)
Was \$9,500 **NOW \$8,450**



Glencoe 9 Shank Chisel Plow (T7489)



Krause 4515 Chisel Plow (7155)



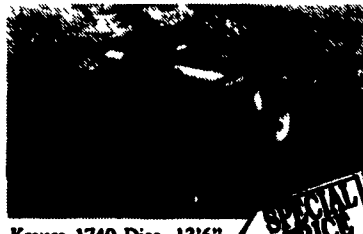
Krause 2416 "Rockflex" Disc, 26", 20"
Blades Front, 22" Blades Rear (T6924)



SPECIAL PRICE
Krause 2416 "Rockflex"
Disc, 26" Cut,
24" Blades, (T6131)
Was \$13,900 **NOW \$11,900**



Krause 1577A Disc, 18" 9" Spacing
Front & Rear, 22" Blades Front & Rear,
Rockflex (T7076)



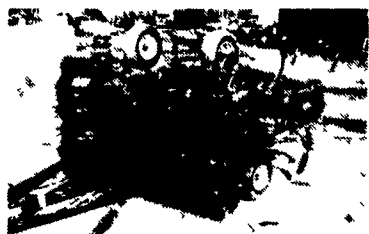
SPECIAL PRICE
Krause 1740 Disc, 13'6"
DUALS, 21" Blades,
Good Condition (T7369)
Was \$6,950 **NOW \$6,500**



SPECIAL PRICE
Rhino 77 Disc 12'
Rockflex, 19 1/2"
Blades (T6806)
Was \$4,200 **NOW \$3,775**



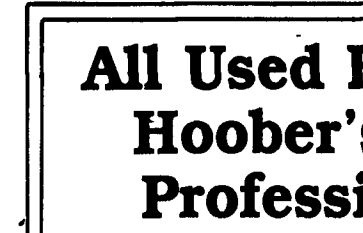
SPECIAL PRICE
Krause 2416 "Rockflex"
Disc, 26" Cut, 9" Frt
& 10" Rr Spacing (T6495)
Was \$9,800 **NOW \$9,500**



Bush Hog 1560 Chisel, 15 Shank, 19.5"
Spring Cushion, 4" Twisted Teeth
(T7083)



SPECIAL PRICE
AC 2300 Disc,
16' Wing (T6964)
Was \$1,500 **NOW \$1,000**



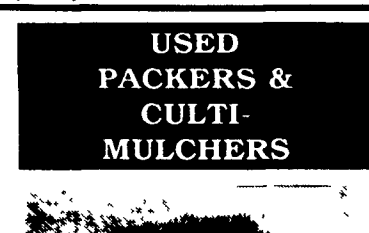
SPECIAL PRICE
Krause 1428 "Rockflex"
Disc, 25' Cut,
8" Spacing (T6343)
Was \$4,500 **NOW \$3,350**



SPECIAL PRICE
Miller Disc, 28' Cut, 9.5"
Front & 10.5" Rear
Spacing, Rockflex,
Scrapers (T6160)
Was \$8,500 **NOW \$6,275**



SPECIAL PRICE
Krause 1425 "Rockflex"
Disc, 25' Cut,
8" Spacing (T4973)
Was \$6,800 **NOW \$3,350**



SPECIAL PRICE
Brillion 28' Packer
11Lx15 Duals, 20"
Notched Wheels, New Bearings (T7090)
Was \$6,900 **NOW \$6,500**



SPECIAL PRICE
JD 220 Disc, Single-Fold, Flexwing, 18'
Cat, 9" Spacing, Blades 20" FT & 21" RR,
Scrapers (T6079)
Was \$3,700 **NOW \$2,975**



SPECIAL PRICE
Krause 1428 "Rockflex"
Disc, 25' Cut,
8" Spacing (T6343)
Was \$4,500 **NOW \$3,350**



SPECIAL PRICE
Miller Disc, 28' Cut, 9.5"
Front & 10.5" Rear
Spacing, Rockflex,
Scrapers (T6160)
Was \$8,500 **NOW \$6,275**



SPECIAL PRICE
Krause 1425 "Rockflex"
Disc, 25' Cut,
8" Spacing (T4973)
Was \$6,800 **NOW \$3,350**

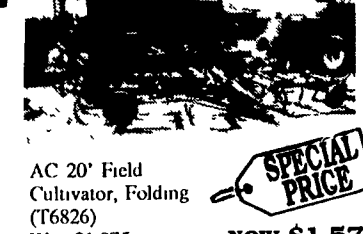


SPECIAL PRICE
Brillion 12' Cultmulcher,
15" Crowfoot Rollers On
Front, 15" Notched Rollers
On Rear, Ribbon C-Shank (T6987)
Was \$3,950 **NOW \$3,375**

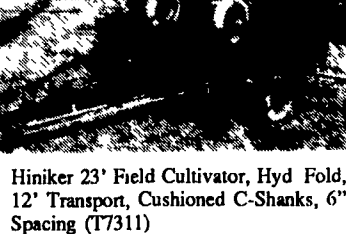
OTHER USED TILLAGE



Tailorway 10 Shank Chisel (T7170)



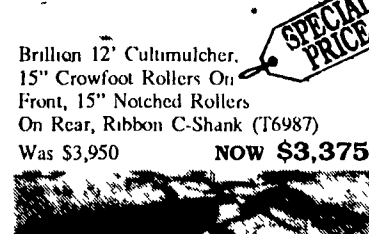
SPECIAL PRICE
AC 20' Field
Cultivator, Folding
(T6826)
Was \$1,975 **NOW \$1,575**



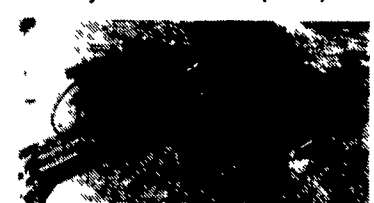
Hiniker 23' Field Cultivator, Hyd Fold,
12' Transport, Cushioned C-Shanks, 6"
Spacing (T7311)



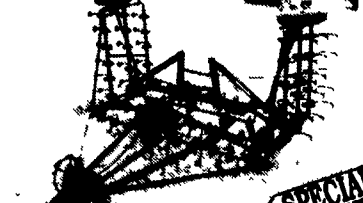
SPECIAL PRICE
Chem Farms 17' Chisel
Plow, Folding w/High
Clearance Spring Cushion Shanks, Green
(T7134)
Was \$3,450 **NOW \$2,950**



SPECIAL PRICE
Dunham-Lehr 42 Packer,
25' Flat Fold Duals
(T7363)
Was \$3,400 **NOW \$3,200**



IH 55 Chisel, 10 Tooth, 10.5", 12" Spacing,
C-Shank, Spring Trip (T7329)



SPECIAL PRICE
Brillion Field Cultivator,
22' Swath (T5193)
Was \$3,800 **NOW \$1,875**



Sunflower 25' Field Finisher, Cushion
Shank, Tine Drag, 2 Yr. Old, Disc &
Paint Excellent (T6663)



SPECIAL PRICE
IH 710 Plow 6-18",
Auto Reset, Semi-
Mounted (T6813)
Was \$3,900 **NOW \$3,300**



SPECIAL PRICE
IH 3150 Cultmulcher,
12", 19" Notched Rollers,
w/Cylinder & Hoses (T6894)
Was \$3,350 **NOW \$2,925**



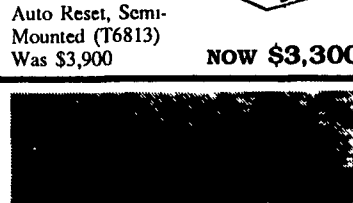
SPECIAL PRICE
Glencoe 7 Shank Chisel,
8", Spring Cushion
Shanks, 3" Twisted Teeth (T6971)
Was \$1,275 **NOW \$1,095**



SPECIAL PRICE
Brillion 24' Field
Cultivator (T6684)
Was \$1,800 **NOW \$1,350**



SPECIAL PRICE
Brady Chisel Plow,
14' (T6483)
Was \$1,950 **NOW \$1,695**



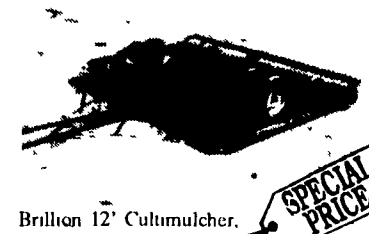
IH 315 Cultmulcher, 13'2", C-Shank, 14"
Packer Wheels (T7330)

**All Used Equipment Purchased At
Hooper's Is Backed By Service
Professionals Who Care About
Your Problems!**

USED PACKERS & CULTI- MULCHERS



SPECIAL PRICE
Brillion 28' Packer
11Lx15 Duals, 20"
Notched Wheels, New Bearings (T7090)
Was \$6,900 **NOW \$6,500**



SPECIAL PRICE
Brillion 12' Cultmulcher,
15" Crowfoot Rollers On
Front, 15" Notched Rollers
On Rear, Ribbon C-Shank (T6987)
Was \$3,950 **NOW \$3,375**



SPECIAL PRICE
Dunham-Lehr 42 Packer,
25' Flat Fold Duals
(T7363)
Was \$3,400 **NOW \$3,200**



SPECIAL PRICE
IH 3150 Cultmulcher,
12", 19" Notched Rollers,
w/Cylinder & Hoses (T6894)
Was \$3,350 **NOW \$2,925**

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International combine 615,
3RN corn head, 13' grain
head, \$3200.
215-885-1032.

JD 1020 vineyard, 52"
wide, gas, \$4,500.
410-833-9091

JD 1937 B tractor, new
paint. 410-452-5252

IH Vibrashank, Model
4500, 18 1/2' width w/
chemical incorporation kit,
3-bar rake teeth, good
working condition.
717/653-5359.

Int. 5088, very good condi-
tion. 215/869-4910 after
9pm. Chester Co.

WOODS SPLITTER, 40
hp., water cooled engine,
40 ton, pull type, runs
excellent, \$1,650.
410-833-9091

WOODS SPLITTER, 3 pt.
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work, \$450/offer.
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THAT REALLY WORKS!

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Efficiency
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A metal conditioner product ahead of its time, IXL will give your equipment priceless protection. IXL gives protection far superior to just oil or lubricants. IXL is specifically designed to be used in: (NEW) and (USED) gasoline & diesel engines, compressors, automatic & manual transmissions, hydraulics, gear boxes, bearings of all types, turbos, pumps, and much more. IXL is a metal conditioner which treats all ferrous metals 3 to 5 microns deep, thereby making the metal surfaces harder, denser and smoother. These results are minimum metal wear, giving maximum engine and machine life. IXL reduces heat, friction, and wear, up to 75% without changing tolerances, reducing friction will release energy previously expended to overcome ordinary mechanical resistance. This energy is now available as a positive force, working to increase power, performance and fuel savings. IXL also helps maintain and recondition seals and gaskets, by keeping these items pliable, firm, and flexible. It will help prevent leaks, IXL is not a lubricant fortifier, such as PTFE, Moly, or graphite. IXL is biodegradable, NON-TOXIC and environmentally safe. IXL is one of the highest quality products on the market today.

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TRACTORS

- Case SC Tractor
- Case 930 Tractor
- Case 430
- Case 1070
- IH 2500A Tractor w/Loader
- David Brown 990 w/Loader
- David Brown 990
- Int. 340 w/Loader
- Int. 1086
- Int. 656
- Int. 1086
- Farmall 300
- Farmall 350
- Ford 8N
- Case IH 885 w/Cab
- Case IH 1594, 500 Hrs.
- JD "B" Tractor
- JD 2140 70 Hp. w/Cab
- Super M
- MF 2805 Tractor
- MF 2705 Tractor
- (2) MF 2675 Tractors

LOADERS

- Case 530 Backhoe
- Case 1835C
- Case 1835 Gas
- Case 1830
- Case 1845 Diesel
- NH 555 Skid Loader
- Caterpillar 933 Loader
- D100 Backhoe For 1845C

TILLAGE

- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- IH 370 Disk Harrow, 13 Ft.
- Case-16" Reset Plow, 5 Bottom
- IH 710 5-Bottom Plow
- JD 5x16 Plow
- JD 1120 Disk
- Oliver 16" Rollover Plow
- Bush Hog 15 Ft. Disk
- Farmhand 14' Cultipacker

HARVESTING EQUIPMENT

- Hesston 2000-100 Harvester
- NI 315 Sheller
- NI 324 Sheller
- NI 737 Husking Bed, Nice!
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- IH 120 Forage Box
- Badger Forage Box
- JD 3800 Harvester

HAY EQUIPMENT

- NH 479 Haybine
- NH 489 Haybine
- NI 404 Rake
- NI 507 Mower Conditioner
- Hesston 1014, Plus 2 Windrower
- Hesston 1090 Wind-rower
- Hesston 1091 Wind-rower
- Case 650 Windrower
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler

MISCELLANEOUS

- NH 36 ft. Elevator
- Gehl 99 Blower
- NI 620 Blower
- Automatic Roller Mill
- Peerless Roller Mill
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- NI 353 Spreader
- HM 1674 Spreader
- Gehl 350 Spreader
- Gehl 250 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- JD 8300 Drill—Soybean Special!
- Brillion 8 Ft. Grass Seeder
- Cole Vegetable Planter

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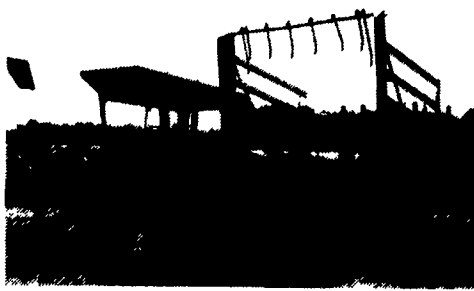


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low hours, mint condition
ALSO

42 Square Back Pull-Type Combine
10 Side Mounted Sickle Mower
82 Snow Plow
666H or 777H Drawn Plow
(4-16 or 5-14)

Very Good Original Condition
Reasonably Priced
(216) 966-2550 Ohio



NH 1069 Bale Wagon

750 Hrs. \$40,000 OBO

NH 326 Wire Baler, \$5,500

IH 1490 Hydro-Swing

12' Haybine \$5,000

2 IH 35 Rakes w/Front Dolly
\$1,200 Each

NH Double Rake Hitch \$500

Deutz Fahr KH 700, 6 Star Tedder
\$3,000

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4255 w/Power Shift &
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Compact Utility Tractors (New)

770 MFWD
755 MFWD
855 MFWD
955 MFWD

Spreaders

JD 450
JD 874

Tillage

JD 610 Chisel
JD 714 Mulch Tiller
JD 875 4R & 6R Cult.
JD 915 V-ripper

Forage

JD 5830
JD 3950 Harvester
JD 3970
JD 3 Meter Hay Pickup

Planters

JD 7200 6RN w/L fert.
JD 7200 6RN w/D fert.
JD 7200 4RN w/D fert.

Drills

450 10' & 12'

Balers

JD 328 JD 375
JD 335 JD 435

Mower Conditioners

JD 1470
JD 1360
JD 1600, 14'

Rotary Cutters

JD 717
JD 503

Loaders & Blades

JD 175 JD 640
JD 245 JD 95 Blade
JD 540 JD 65 Blade

BOBCAT

NEW
753 743B 7753

Misc. New

Miller 4100 Forage
Boxes
Farm Aid Mixer Wagons
Dion Forage Boxes
Kverneland Plows

USED

JD 216 Flex
NH 850
NH 853
JD 336 w/30 Ejector
JD 650 3 PTH Rake
JD 3970
JD 3960
JD 4RN Head
NH 890 w/Heads
JD 7000 6RN w/Dry
Fert.
JD 1440 w/Dry Fert.
JD 7000 Cons. 6RN w/
Liquid Fert.
JD 1209
NH 489 Haybine
NH 499 Haybine
Vicon KM321
Gehl 350 spreader

Used Lawn & Garden

JD 318 w/46"
JD 420 w/60"



STIHL

EDION

MILLER

bobcat

3213 Black Gap Rd.
Chambersburg, PA
17201

717-263-4103
1-800-377-3040



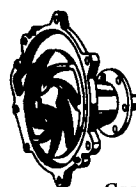
1979 4400 Diesel Combine

2650 Hrs., 443, 4 RN Corn Head,
213 Flex Grain Head, Very Good
Condition, Stored Inside

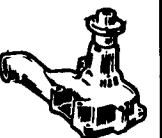
\$17,500

717-738-1964

Spring Garden Repair



Isaac S.
Stoltzfus
145 Spring
Garden Road
Kinzers,
PA 17535



Gas & Diesel Engine Rebuilding
Cast & Aluminum Head Rebuilding & Welding
Block Boring & Slewing
Flywheel Grinding
Engine Parts
Tractor Pistons & Sleeve Kits
Rebuilt Tractor Heads
New & Rebuilt Water Pumps



Leaman

Tractor Parts



329 Brenneman Rd.
Willow Street, PA 17584
(Lancaster Co.) 717-464-2874

Fax 717-464-4130
DEALERS INQUIRIES WELCOMED

(Turn Left on Brenneman Rd.
from 222 S at Refton)

USED TRACTORS

IH 1066 red cab w/2090 hrs., fully equipped
Heagey sprayer, model 647, 318 Chrysler
engine, 4 WD, hydro, very low hrs. (Show-
ing some weather)
IH 4156 Cab w/Air, 18x34 Tires, Very Good
Condition, PTO Available
Case 900 Diesel w/or w/out Steel Wheels
Complete MFD Axle to fit JD 5020
PFA from JD (SOLD) (yd. Type)
AVAILABLE: JD 1050 MFD w/75 Loader,
900 Hrs., Excel. Cond. \$10,200
IH 766 Gas, WF, 38" tires, 3 pt. very good
condition
Farmall 450 Diesel, Runs Great, No TA
IH 1026 hydro, 18x38 tires, dual hydraulics &
PTO, excellent condition
IH 1466 cab, air, 1976 model, very good
condition
Several WF ends to fit IH & JD tractors \$350
to \$750

COMBINES AND HEADS

JD 4400 Gas, 2600 Hrs., 13' bean head
JD 213 grain head rigid pickup reel
JD 224 Black reel flex head
Final Drives For JD 8820 and 7720
Complete heavy duty dry axle including final
drives for under 7720 combines
WILL VIRTUALLY ELIMINATE FINAL
DRIVE FAILURE ON THESE MACHINES

ENGINES

IH D-282 fits 560, 656, 706
Perkins 640 cu. in. V8, short block or long
block
IH D-310 fits 706, 756, 716 combines
Cummins KT1A (1155), one new block and
4 recon heads
Cummins 290 small cam, needs rebuilt

COLLECTORS

JD 8020 serial #1074, complete, running
condition, where will you find
another?
IH 350 high crop diesel, good shape, only
29 built
1911 Minneapolis 20-45, 1 of 4 known to
exist, older restoration
JD BHN Serial #46180, unstyled
JD BWH Serial #57881, unstyled
These tractors are very low production,
very rare restorable tractors
\$34,000/Pair... Call For individual
pricing
Some of these tractors are not at our
location yet...Call to confirm

• IH TRACTOR PARTS

Including Crawler & Construction Parts

BATES CORPORATION

14th AND FIR RD., BOURBON, IN 46504

PARTS DISMANTLED, CLEANED & READY FOR SHIPMENT
WE SHIP UPS, TRUCK, BUSBest Prices on Factory Rebuilt TA's & Clutches
NEW REPLACEMENT PARTSCALL THE IH PARTS SPECIALISTS
TOLL FREE 1-800-248-2955**MISC. USED EQUIPMENT
& TRACTORS
USED TRACTORS**

Case 1494 4WD
IH 235 4WD w/5 QA Loader
IH F706D
IH 884 2WD
Cub low boy w/54" blade
Case 570, Gas
Case IH Maxxum 5130 4WD w/510 Loader
Ford 4040 w/loader
Ford 3910 Series 2
Cub Cadet 1572 Diesel w/60" Mower
495 4WD w/2250 Loader
Used Woods 1860 Mow'n Machine

USED EQUIPMENT

JD 3 Btm, 3 pt. plow
Ford 5 Btm. Plow
JD 210, 14' Disc
IH 800 6R planter
Kuhn 200 Mower Conditioner
NI 353 Spreader
IH 440 Baler w/Thrower
NH 488 Haybine
IH 311 Mower
NI 3639 Spreader
IH 3082 Backhoe

BIGGS INCORPORATED

190 Biggs Hwy.
Rising Sun, MD
410-658-5531

**NEW IDEA****USED EQUIPMENT**

Oliver 2255 Tractor
Haybuster 107 Drill
NI 176 Elevator 36' (Sharp)
NI 406 Rake
NH 495 Haybine
A 6R 30" Head for AC Combine
JD 220 18' Disc Harrow
JD 7000 12R Corn Planter
JD 216 Forage Box
JD 714 Forage Box
JD 714A Forage Box
Hesston PT10 Windrower
Hesston 1160 14' Windrower
White 80 4WD Tractor
White 288 Tractor w/Cab, Sharp
White 265 Tractor
White 8700 Combine
White 8900 Combines
White 6B SAR 18" On Land Plow
Farmall 806 Tractor
IH 540 4X Semi Mount Plow
Ford 118 Plow
White 5100 6R Planter Liquid
White 5100 4R, Liquid
NI 3639 Spreader
390/Bushel
MF 22 Bale Thrower

STANLEY'S FARM SERVICE

RD Box 46
Kilgerstown, PA
717-648-2088

WE ALSO STOCK
NEW VICON
FERTILIZER SPREADERS



Big A 3500 Injection Truck
2200 Gal. Stainless Steel Tank,
Allison Automatic Transmission,
555 Cummins Engine,
Very Good Condition
\$42,000.00
717-738-1964

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA
215/273-3131 or 215/273-3737

24' NH Elevator
NH 790 Manure Spreader
NH 791 Manure Spreader
Grain Tedder- New Demo
NH 489 Haybine
NH 56 Rake
Ford 532 Baler

NH 310 Baler
NH 30 Forage Blower
Pequea Tedder
NH 770 Pick-Up Head
NH 553 Skid Loader
NH 8 Forage Box w/Tandem Gear

WE REBUILD
489 WOBBLE BOXES

**DEALER FOR
Reskamp**

**COLLECTOR
TRACTORS
FOR SALE**

JD Cultivator For M.....\$250
JD B - Cyclone - Running - 1950? ...\$1,100
JD A - Styled - Good Tin - 1947.....\$1,250
JD B - Cyclone - Good Tin - 1950?.....\$1,450
JD B - Cyclone - New Paint - 1949 ..\$1,450
JD 620 - Runs - To Restore - 1957 ..\$1,950
Oliver 66 w/Wide Front - 1953.....\$2,000
JD G- Single Front- Runs - 1952\$2,500
JD 40 Dozer - As Received - 1954.....\$2,500
JD Styled D - Runs Good - 1941.....\$2,900
(2) JD G- Runs Good - 1947.. Each \$2,900
JD Unstyled A - Runs Good - 1937...\$2,900
JD Unstyled D - Runs Good - 1938...\$2,900
Oliver OC46 Crawler Loader - As Is \$2,900
JD R - Not Running - Good Tin - 1954\$2,900
JD 420 Dozer - As Received - 1959\$2,900
MM G705LP- Cab- 1650 Hours.....\$3,450
JD 440 Crawler Loader (GM Diesel) - 1959?.....\$3,500
JD 720 Diesel Standard - 1957\$3,900
JD 720- Try- DE - 1958\$3,900
JD Unstyled A - Nicely Redone - 1936\$3,900
JD Unstyled B - Nicely Redone - 1936\$3,900
JD Unstyled D - Nicely Redone - 1936\$3,900
JD 720- WF- 3 Pt.- Pony - 1957.....\$4,250
JD G- WF- 3 Pt. - 1952\$4,300
JD 730- Standard - 1959\$4,700
JD 60 High Crop- Poor - 1954?\$4,800
JD 320 Utility - 1 Owner - 1957\$4,900
JD 530- 3 Pt.- Nicely Redone - 1960\$4,900
JD 730- LP- WF- 3 Pt.- Fenders - 1960\$4,900
JD 80 - 1956 - High S/N.....\$5,200
JD A High Crop- Poor - 1950?.....\$5,500
JD 80 Diesel - Runs Good - 1955.....\$5,900
JD 820 - Runs Good - 1957.....\$5,900
JD 620 Standard- Nicely Redone - 1957\$5,900
JD 830 - 1959 - Pony\$5,900
JD 830 - Direct Ele. - 1959\$5,900
JD 320S- Very Nice Original - 1957\$6,500
JD 330S - Runs Good - 1959\$8,500
JD 720 High Crop - 1957.....\$12,500
JD 730 High Crop- Very Nice - 1958\$13,500
Ferguson 35 "New" - Under 1 Hour - 1956\$24,500
JD Unstyled G.....Coming In
JD R.....Coming In
JD D Unstyled.....Coming In
JD Unstyled B.....Coming In

I Am Rebuilding My Collection, Will Buy Clean Or Odd John Deere's. Buy-Sell-Trade.

LLOYD WENGER

251 S. Race St.
Myerstown, Pa. 17067
717-866-2130 Days
717-866-7147 Evenings

SPECIAL OF THE WEEK

**MF 1105, 12 Speed M.P., 3,755 Hrs.,
New Allied 790 Loader w/Bale
Grabble And 84" Bucket
\$10,900**

IH 3088.....\$11,700
IH 574.....\$ 5,200
IH 574 w/Cab.....\$ 7,200
IH 244 w/7' mower.....\$ 4,400
IH 186 Hydro, Cab & Air.....\$12,000
Minn. Moline G1000.....\$ 4,500
MF 4840, 8 New Tires.....\$21,000
MF 2775 8 Speed, C/A, Duals.....\$11,500
MF 1150 w/Duals.....\$ 5,900
MF 1100, diesel, multipower.....\$ 3,200
MF 275, diesel.....\$ 5,900
MF 265, multipower.....\$ 6,500
MF 178, diesel.....\$ 3,200
Ford 2N.....\$ 1,500
JD 4440, 4x4 w/cab.....\$17,900
JD 1520, diesel, hi-low shift.....\$ 5,500
JD 1050, 4x4.....\$ 8,500
JD 330 Diesel w/Mower & Blade.....\$ 4,750
Deutz Allis 6260.....\$ 6,800
Deutz DX160, 4x4, cab & air.....\$11,500
Deutz 130-06.....\$ 6,500
Deutz 130-06 w/Cab.....\$ 7,500
Oliver 440 w/cultivator.....\$ 3,500
AC 720 compact w/loader.....\$ 3,500
Case 1845C skid loader, nice.....\$10,900
JD 575 diesel skid loader, 1,300 hrs.....\$ 7,700
IH 4X Rollover Plow.....\$ 1,500
JD 2600 auto reset plow, 6 btm.....\$ 2,500
JD 110 Disk.....\$ 1,900
JD 400 Rotary Hoe.....\$ 1,300
Taylorway 7' Soil Saver.....\$ 3,900
Cultipackers 5' to 14'.....\$200 to \$ 1,200
Oliver 3 Bottom Plow.....\$ 550
NI 325 12 Roll Picker.....\$ 3,900
Gehl 1580 Blower.....\$ 1,400
IH 120 Forage Wagon, Tandem Gear & Roof.....\$ 3,500
MF 9113 Flex Head, new.....\$ 5,200
MF 15' Flex Head.....\$ 1,900
MF 20' Flex Head.....\$ 1,900
IH Pickup Head For 720 Or 830.....\$ 700
1,500 Gallon Liquid Vacuum Spreader.....\$ 2,800
IH 7 Shank Auto Reset V Ripper.....\$ 4,900

Tractors Available For Rent Or Lease
Financing Available

L & M BURKHOLDER

Between Brownstown & Rothsville
Ephrata, PA
717-859-2960 717-859-2712
Shop 717-859-6616

**WALTEMYER'S
SALES &
SERVICE INC.****TRACTORS
NEW**

6200 MFWD-CG
3255 MFWD, cab
3055 4 post
5200 2WD
5400 MFWD
6400 CG
2355 MFWD

USED
JD 430 2 Cyl. W.F.
JD A Unstyled oil peg, v.g.

COMPACT UTILITIES

NEW
670, 770, 970, 755, 855, 1070
USED
AMT 622 nice

HARVESTING

NEW
JD 915 Flexhead
JD 9400 Comb.
USED
JD 444 Cornhead
IH 303 Combine
10' G.H. 2 RW C.H.

PLANTING

NEW
750 No till drill, 10' & 15'
7200 4R dry fert.
7240 11R liquid fert.
450 17DD drill
USED
IH 56 4 RW Planter, Dry Fert.
AC 4 Row No-Till Corn Planter (Liquid)

TILLAGE

NEW
610 Chisel Plow 8'
960 Field Cultivator
635 disc 12'2"
825 6RN 3 pt. cultivator
2000 4X spring reset semi-mount plow
Kvernland plows
USED
JD 210 Disc 12' New Blades

**SKID LOADERS
NEW**

575, 675

**HAY EQUIP.
NEW**

1360 Discbine
Pequea Hay Tedder
16A Flail Chopper
1219 Haybine
335 round baler
435 round baler

USED
336 Baler
JD 894A Hay Rake
Hesston Stack-hand #10
JD 1207 Haybine
1327 Discbine

**MISC.
NEW**

JD 25A Flail Cutter
403 Rotary cutter
503 Rotary cutter
603 Rotary cutter
516 Rotary cutter
717 Rotary cutter
550 manure spreader
720 running gear
95 3 pt. scrapers
1508 rotary cutter
1008 rotary cutter
Unverferth gravity bin
Unverferth header wagon
USED
IH manure spreader
JD AT40 cult. for 3020
Meyer 360 Equalizer Spreader
#50 Snow thrower for Cub lo-boy, like new
JD 40 Manure Spreader
JD 25A Flail Mower
Century 500 Gal. Sprayer,
Hydr. Booms, Mech.
Agitator
2 R Braco Potato Harvester w/PTO Drive

**No-Till 750 Grain Drill For Rent
Call For Details**

Route 24, 2 Mile South Of Red Lion
717-244-4168

57th
ANNIVERSARY

SALE

Jan. 4th thru Jan. 29th, 1993
Open House Thurs., Jan. 28, 1993

MF TRACTOR & COMBINE HEADQUARTERS

A GREAT VALUE

MF 253 45-PTO HP

UNLIMITED USES

A Do Everything Tractor

- Wide range of attachments
- Ferguson system hydraulics
- Dual throttle controls
- Manual or synchro-shuttle transmission
- Standard or low profile
- Live PTO



MASSEY FERGUSON

**RENTAL MODEL
IN STOCK
CALL FOR PRICE**

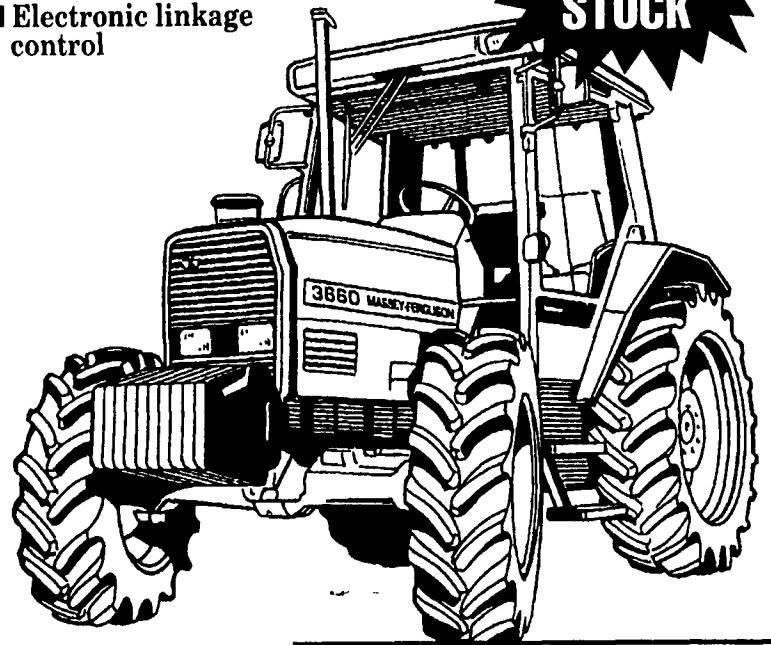
POWER / REFINEMENT

MF 3660 140-PTO HP

PUSHBUTTON POWERSHIFT

- Shift high to low, on the go
- Forward/reverse shuttle
- Automatic 4-wheel drive control
- Electronic linkage control

**NOW IN
STOCK**



MASSEY FERGUSON

**RENTAL MODEL
IN STOCK
\$52,000**

MASSEY FERGUSON

WORLD'S BEST-SELLING TRACTOR BRAND

USED TRACTORS

MF 3660-4, 140 HP, 814 Hrs.	\$52,000
MF 3650-4, 130 HP, 1182 Hrs.	\$32,000
MF 3650-4, 130 HP, 1839 Hrs.	\$30,000
MF 3525-2, 110 HP, 2882 Hrs.	\$18,500
MF 2745-2, 143 HP, 2583 Hrs.	\$12,000
MF 374-4 With Loader, 57 HP, 735 Hrs.	\$21,000
MF 1085, 82 HP, 3568 Hrs.	\$8,500
MF 1085, 82 HP, 3980 Hrs.	\$7,500
MF 1080, 82 HP, 5516 Hrs.	\$5,000
MF 285, 82 HP, 6160 Hrs.	\$8,000
MF 285 Steel Wheels, 82 HP, 3013 Hrs.	\$6,500
MF 670 Cab, 80 HP, 2209 Hrs.	\$12,800
MF 1020-4, 21 HP, 224 Hrs.	\$5,500
MF 1030-2, 26 HP, 232 Hrs.	\$6,700
MF 1030-4, 26 HP, 531 Hrs.	\$8,000
MF 1035-2, 31 HP, 185 Hrs.	\$7,600
MF 1045-2, 35 HP, 262 Hrs.	\$7,900
MF 40 With Loader, 3170 Hrs.	\$4,700
MF 30 With Loader, 668 Hrs.	\$19,500
MF 444 Gas	\$2,000
MF 22 Gas	\$600

MF Loader Backhoe, 2956 Hrs.	\$8,500
MF 35 With Loader.	\$4,500
MF 65 D.	\$2,500
Ford 861, Select-O-Speed.	\$3,200
Farmall 656, 6930 Hrs.	\$4,000
Farmall 584 With Loader, 2930 Hrs.	\$7,700
IH 706 w/Cab.	\$5,500
MF 135 Diesel, 3540 Hrs.	\$4,800

PLOWS & TILLAGE

Glenco 7 Tooth Soil Saver	\$5,900
MF 7 Tooth Coulter Chisel Plow	\$4,200
M&W 5 Tooth Sub Soiler	\$5,700
Vicon 18 Ft. Field Cultivator.	\$6,900
Brillion 5 Tooth Chisel Plow.	\$950
Ford 3-16 Auto Reset Plow	\$1,250
IH 5-16 Spring Trip Semi Mtd. Plow.	\$950
Oliver 10 Ft. Transport Disc Harrow.	\$1,100
MF 2-16 Spring Trip 3 Pt. Plow.	\$650
Dunham 14 Ft. Cultipacker.	\$1,875
Yetter 3 Pt. Rotary Hoe	\$2,695
Buffalo 6 Row Cultivator.	\$7,900
Pequea 6 Row Cultivator.	\$2,100

HAY EQUIPMENT

Demo MF 228 Baler With Thrower.	\$11,000
Demo Claas 46 Steel Roll Round Baler.	\$10,900
Demo Vicon 1511E 5x6 Round Baler.	\$9,900
Used Vicon 1511E 5x6 Round Baler.	\$6,500
Demo MF 5 Big Square Baler.	\$36,000
Used Vicon 1211 E 4x5 Round Baler.	\$6,500
Demo Vicon 321 Disc Mower Conditioner.	\$12,500
Used Vicon 321 Disc Mower Conditioner.	\$9,900
NH 489 Haybine.	\$3,900
NH 451 Sickle Mower.	\$1,200
Ford 3 Pt. Sickle Mower.	\$450
Demo Vicon 216 7 Ft. Disc Mower.	\$3,900
Lucknow Tub Grinder.	\$5,900
Teagle Bale Shredder.	\$1,900
Vicon RS510 Tedder 17 Ft.	\$3,900
Vicon RS740 Tedder 24 Ft.	\$4,500
Pequea Hay Tedder.	\$1,330
6 Like New 8x24 Ft. Flat Wagons.	@ \$1,200



MASSEY FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540

Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt. 23. 1 1/2 miles Northeast of Leola on the No. Groffdale Rd. 1 mile on the right opposite Groffdale Mennonite Church

M.M. WEAVER & SONS, INC.

57th ANNIVERSARY SALE DAYS

January 4th thru January 29th, 1993

OPEN HOUSE on Thursday, January 28th, 1993

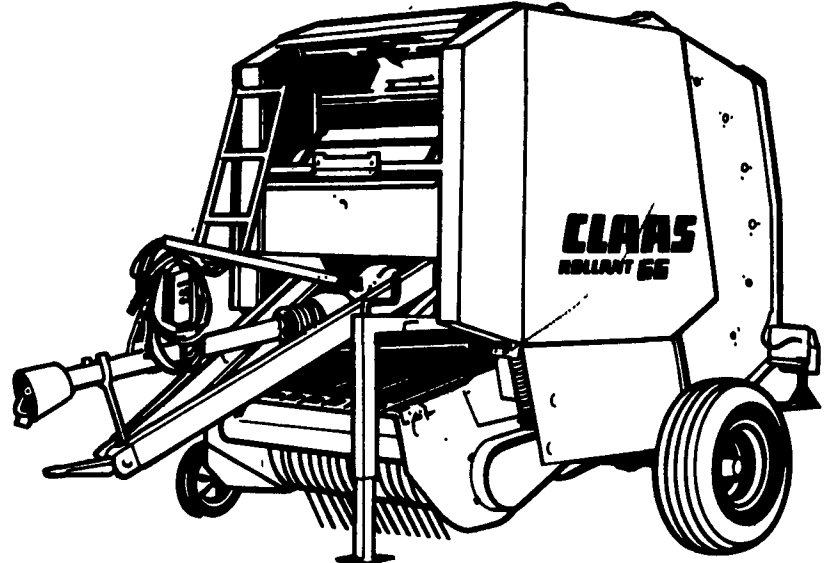
THE CLAAS HARVESTER LINE



Self propelled forage harvesters for highest capacities and universal operation

CLAAS JAGUAR self propelled forage harvesters are professional machines. Profitability demands high working quality and high speed of operation. This can be achieved with advanced technology and fully matured machinery. Today's farmers and contractors make competent decisions. These professionals have made the CLAAS JAGUAR Europe's number one.

CLAAS STEEL ROLL ROUND BALER

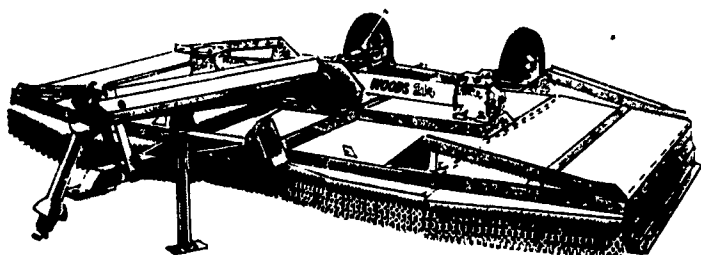


The Ultimate In Wet Hay Baling

- Ideal In Corn Stalk Baling
- Rollant 46 and 66 can net wrap a bale in 10 seconds
- Bales can be twine wrapped in only 20-25 seconds
- Rugged steel roller, fixed chamber design
- Extremely reliable - low warranty claims

CLAAS THE HARVESTING SPECIALISTS

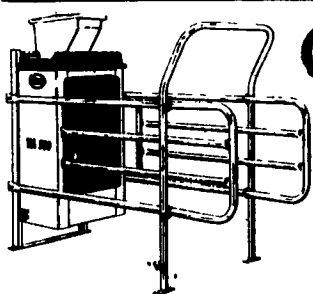
need a shredder? rent a WOODS!



from us...

Rotary Cutters & Equipment

Woods H.D. 315 Hydraulic 15 Ft. Bat Wing Mower.....	\$7,500
Woods 214 Fold Wing 14 Ft. Mower.....	\$5,200
York 75 HP Rated 8 Ft. 3 Pt. Scraper Blade	\$1,080
Woods 60 HP Rated 8 Ft. 3 Pt. Scraper Blade	\$650
Low Cost 7 Ft. 3 Pt. Scraper Blade	\$305
Sweepster 3 Pt. 6 Ft. Rotary Broom.....	\$700
MF 1026 Front 6 Ft. Dozer Blade	\$1,050
Myers Front Tractor Mounted Snow Blade	\$1,250
Ber Vac 6 Ft. 3 Pt. Snow Blower	\$1,750
Brady 7 Ft. Flail Chopper	\$2,500
IH 2255 Loader	\$2,200
Gravity Bin Wagon	\$575
Danuser 3 Pt. Post Hole Digger	\$680
Shaver 3 Pt. Hydraulic Post Driver	\$2,500



VA 500 COMPUTER DAIRY FEEDER!

Cows ration is fed automatically according to her individual lactation curve

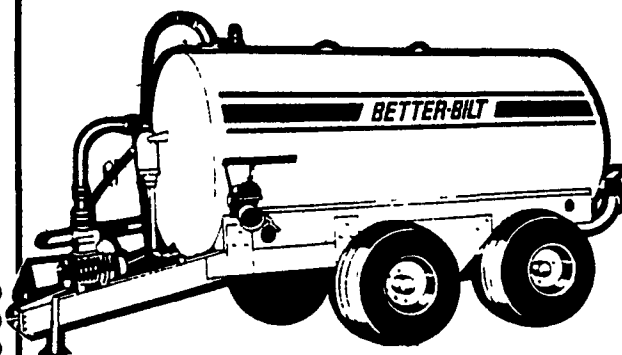
25 Cow System	\$1,900
50 Cow System	\$2,900
75 Cow System	\$3,900

+ Installation

BETTER-BILT

YOU WANT
DEPENDABILITY

You want
BETTER-
BILT!



Better-Bilt vacuum tanks...

PB-10 pump.....	200 CFM	Skids.....	Full length
Rear hatch	20"	Sizes (std.) ..	1500 and 2500
Intake, outlet valves	Brass		3500 and 4500 gal.

No one, but no one, builds a better vacuum tank than Better-Bilt. Quality 1/4" steel, formed in our own plant. Precision manufacture by skilled craftsmen. That's why we can put a 10 year warranty* on tanks and a 5-year warranty on undercarriage and pumps.** That's why pork farmers like yourself prefer them!

Other sizes and pumps available
* Pro-rated after 3 years
** Excluding vanes

Manure & Mixer Equipment

BetterBilt 2500 Gal. Vacuum Manure Spreader.....	\$9,900
NH 791 Tandem Axle Manure Spreader	\$2,700
New Idea Tandem Axle Manure Spreader.....	\$1,200
S.F.M. 1100 Gal. Slinger Manure Spreader	\$4,900
Gehl 533 3300 Gal. Slurry Spreader.....	\$5,800
Van Dale Mixer Feeder With Scales.....	\$2,500
LucNow Model 200 Mixer Feeder	\$8,500



M.M. WEAVER & SONS, INC.

Leola, PA 17540

Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt. 23 1/2 miles Northeast of Leola on the No. Groffdale Rd. 1 mile on the right opposite Groffdale Mennonite Church

57th ANNIVERSARY

SALES DAYS

■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

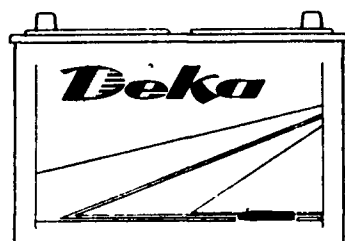
January 4th thru January 29th, 1993

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon

All Items Subject To Availability

WINTER SALE ITEMS

Powerpart Batteries

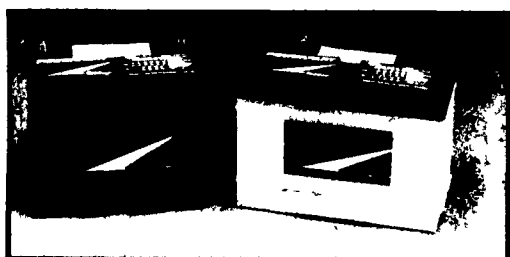


**Check Your
Battery Needs
Here And Save!**

**BATTERIES
&
ACCESSORIES- 20%
SAVINGS**

- 624MF..... List \$60.89 SALE **\$48.71**
- 627 MF..... List \$78.09 SALE **\$62.47**
- 1231 PMF..... List \$97.97 SALE **\$78.38**

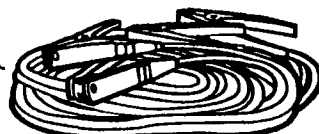
Batteries for
all your farm
needs, up to
a 72 month
warranty!



All Other Batteries In Stock — **20% OFF LIST**

BATTERY BOOSTER CABLES HEAVY DUTY

- 12 Ft., BD92X, 4 Ga.
List \$24.72 SALE **\$19.57**
- 16 Ft. BD94X, 4 Ga.
List \$29.74 SALE **\$23.55**
- 20 Ft., DB96X, 4 Ga., List \$34.00 SALE **\$26.93**



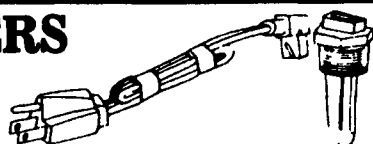
STARTING ETHER

- Starts stubborn engines in seconds
- Prolongs Battery Life
- Sprays to 65° below zero

- HOT SHOT, 11 Fl. Oz..... List \$1.25..... SALE **\$1.12 Ea.**
- Case Lot Of 12..... SALE **\$12.50**

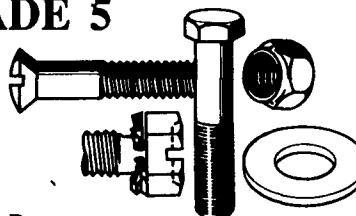
BLOCK HEATERS

20% OFF



HEX BOLTS GRADE 5 HARDWARE NUTS/WASHERS

99¢ Per Lb.



Grade 5 Plated Hardware Available By
The Pound Or Packaged.

**Save! Buy Per
Pound Or Piece.**

ROLLER CHAIN

**20%
OFF**

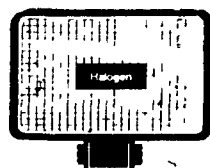
Choose The Quality, Price & Size
Of Chain & Links You Need. We
Offer Domestic Chain.



HALOGEN LIGHTS

L990-12V
3 1/2 x 6 Lens/Reflector Assy.

SALE **\$12.95**



**Truckload
Sale**

LUBRICANTS

**Selling Hydraulic Fluid Right
Off The Trailer!**

Offering The Lowest Prices....

UNIVERSAL HYDRAULIC FLUID PERMATRAN III

Universal extreme pressure transmission
& hydraulic fluid.

Stock One Oil For All Your
Farm Equipment

	LIST PRICE	SALE PRICE
• 2 1/2 Gal. 841-743T1 Per III.....	\$14.77	\$11.69
• 5 Gal. 841-813T1 Per III.....	\$26.07	\$23.02
• 55 Gal. 841-744T1 Per III.....	\$277.89	\$228.89
• BRING YOUR CONTAINER-BULK	\$4.50 Per Gallon	

GREASE AND GREASE GUNS 20% to 30% SAVINGS

	LIST PRICE	SALE PRICE
• 1904-778 M91 Pistol Action	\$15.00	\$12.00
• 1902-683 M92 Lever Action	\$9.45	\$7.56

10% to 15% SAVINGS

• 841-618 M1-10 Pkg.....	\$13.00	\$11.13
• 841-618 M1-50 Pkg.....	\$65.00	\$54.60



MF FILTERS

Lube, Fuel, Air, Hydraulic

Don't fall for look-a-likes - use
Massey-Ferguson filters for better & longer
engine life.



LUBE & FUEL FILTERS

10% OFF All Filters
Case Lots Of 12...ADD'L. 10% OFF

FIRE EXTINGUISHERS

Don't be caught without protection!

Install reliable Massey-Ferguson Fire Ex-
tinguishers in your home, the barn, animal
pens, on tractors and combines. They're
made of Heavy duty carbon steel with non-
corrosive parts, inside and out, and operate
with positive on-off squeeze grip; feature
easy reading waterproof gauges.



20% SAVINGS

- 20-004A91..... List \$26.31
SALE **\$21.05**
- 20-005A92..... List \$39.31
SALE **\$31.45**
- 20-006A91..... List \$61.91
SALE **\$49.53**



M. M. WEIN

LEOLA, PENNA. 17540

PHONE: 717-656-2321

Loca
one-l
Roac
Chur

★ OPEN FOR
DOOR PRI

■ FIRST PR



1111C0

850 TOY COMBINE

■ MASSEYFERGUSON

Will Be Giving
Away...

• 10 PISTOL GRIP
GREASE GUNS

• 50 GREASE TUB

• SRE
STS

• LINCH

**Register
Door Pri
On Open Hou
Thurs., Jan**

OPEN HOUSE

LUNCH
WILL BE
SERVED
11-2

1 DAY ONLY - THURSDAY, JANUARY 28, 1993

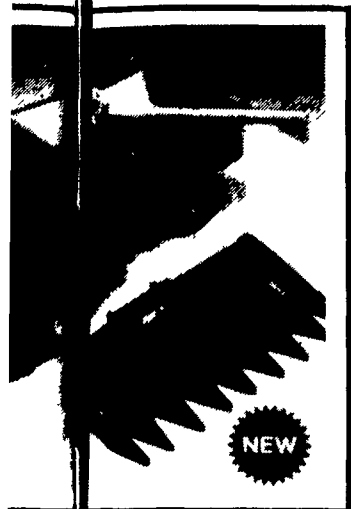
10:00 A.M. Introducing New MF Tractors
and Manure & Feeding Equipment

2:00 P.M. Introducing The New CLAAS
Self-Propelled Harvester!

- ★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
- ★ Join us during Open House for Fun & Fellowship

HOUSE ★
PRIZES

PRIZE:



DMINE (\$50 Value)

SEYERFUSON

iving

DL GRIP
GUNS

ASE TUBES

• SCREWDRIVER
SETS

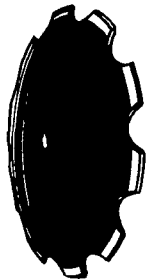
• LUNCH PINS

Register For
Prizes

Open House Day
Jan. 28

BEAVER & SONS, INC.

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.



Disc Blades

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center hole sizes available to fit non Massey-Ferguson machines

	List	SALE
• PS041005 16" 9 ga. Plain 1 1/8 sq. x 1 1/4 sq.	\$9.89	\$8.40
• PS041016 16" 9 ga. Cutout 1 1/8 sq. x 1 1/4 sq.	\$12.08	\$10.27
• PS045015 18" 7 ga. Plain 1 1/4 sq. x 1 1/2 rd.	\$12.52	\$10.64
• PS041033 20" 6 ga. Plain 1 1/8 sq. x 1 1/4 sq.	\$20.37	\$17.31
• PS041034 20" 6 ga. Cutout 1 1/8 sq. x 1 1/4 sq.	\$18.02	\$15.32
• PS040029 20" 7 ga. Plain 1 sq. x 1 1/8 Sq.	\$15.91	\$13.52
• PS041029 20" 7 ga. Plain 1 1/8 Sq. x 1 1/4 Sq.	\$15.91	\$13.52
• PS045045 22" 6 ga. Plain 1 1/4 Sq. x 1 1/2 Rd.	\$23.95	\$20.36
• PS045049 22" 1/4 Plain 1 1/4 sq. x 1 1/2 Rd.	\$24.77	\$21.05
• PS045050 22" 1/4 Cutout 1 1/4 Sq. x 1 1/2 Rd.	\$23.04	\$19.58
• PS045049 22" 1/4 Plain 1 1/8 Sq. x 1 1/4 Sq.	\$24.77	\$21.05
• PS046063 24" 1/4 Plain 1/4 Sq. x 1 1/2 Sq.	\$33.54	\$28.51

TWISTED CHISEL POINTS

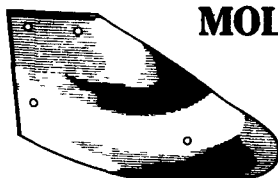
- Heat treated, tumbled & varnished
- 1/2" thick for longer wear
- Fits 2 1/4" centers for 7/16" plow bolts



	List	SALE
DF4995R...3x1/2 x22 R.H.	\$7.25	\$5.75
DE4995L...3x1/2 x22 L.H.	\$7.25	\$5.75

TILLAGE PARTS SALE

MOLDBOARD PLOW PARTS



Direct Shipment
From Manufacturer To
Us Allows For These
LOW PRICES

There Is A Difference: 3 Layers Of Steel For:
• LONGER LIFE • SHOCK RESISTANT • LESS CRACKING

16 INCH 4 BOLT PLOW SHARES

	List	SALE
• 475-167 M1, Share PS003073.....	\$9.45	\$7.56
• 475-715 M1, Share PS003078.....	\$10.50	\$8.40
• 475-716 M1, Share, PS003079.....	\$10.95	\$8.76

FITS MOST PLOWS

• 661-869 M1, Coverboard, PS003093.....	\$12.40	\$9.92
• 1073-604 M1, Trashboard, PS003084.....	\$8.55	\$6.84

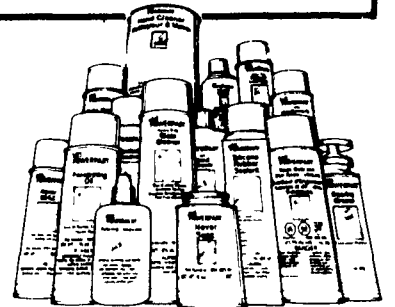
MOLDBOARDS

• 660-022 M91 14", PS003087.....	\$57.75	\$46.20
• 660-206 M91 16", PS003088.....	\$60.35	\$48.28

Plus The Best
Warranty
In The
Industry!

POWERPART CHEMICALS

Work faster and easier with
Powerpart Chemicals. Clean,
lubricate, seal and condition
with our full line of chemicals.
For field, shop and home use.

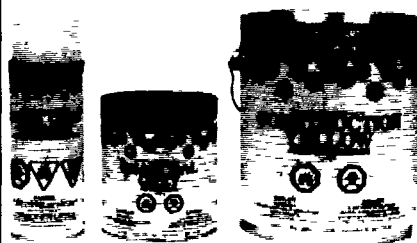


20% OFF Regular Price
Full Line Of Quality Chemicals At
Competitive Prices

Frees All Rusted, Frozen Or Corroded Lugs & Bolts

POWERPART PAINT

Put On A Fresh Look With
Our Powerpart Paint
Available In Quarts, Gallons,
And Aerosol Cans.



MASSEY FERGUSON PAINT

Increases The
Resale Value
Of Your
Machine With
Massey
Ferguson Paint!

**20% OFF
Regular
Price**



10% OFF REGULAR PRICE

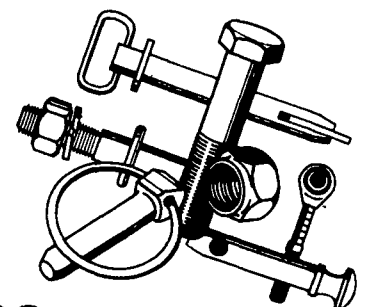
★ Bring Your Own Containers
Get Bulk Price

"BUY QUALITY"



HITCH PINS

**20%
OFF
Regular Price**



CUTTER BAR PARTS

It Takes Two Sharp Edges To Cut
Combine Guards!

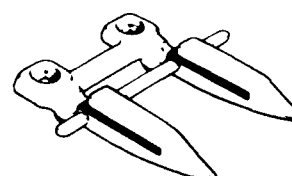
20%
SAVINGS

CUTTER BAR PARTS & SECTIONS

Number	List	SALE
• PS112001 1053-209M1 HC. .	\$.79	\$.63
• PS623011 1904-914M1 QC. .	\$1.27	\$.99
• PS412132 146-503M2, Rigid. .	\$.72	\$.58

REEL TINES U-11-20% SAVINGS

1052-668M1.....Steel Teeth.	\$1.55	\$1.24
2763-064M1.....Plastic Teeth.	\$.99	\$.79



GUARDS
20% SAVINGS

	List	SALE
• 244-925M1 Floating Guard 9000.....	\$11.26	\$9.00
• 30-031E1 NH Haybine.....	\$ 7.20	\$5.76
• 30-039E1 Floating Guard.....	\$ 7.20	\$5.76
• 228392M1-30029E1 Rigid.....	\$ 5.60	\$4.48

M.M. WEAVER & SONS, INC.

57th ANNIVERSARY SALE DAYS

January 4th thru January 29th, 1993

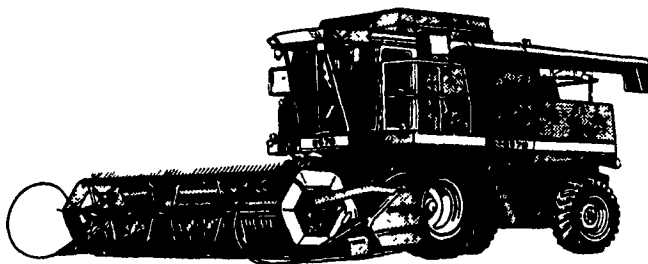
OPEN HOUSE on Thursday, January 28th, 1993

Customize

YOUR 1993 PLANNING NOW!

Whether your harvesting needs call for rotary or conventional combines, Massey Ferguson offers the best in both. Ask anyone who's seen them in action at farm shows, fairs and other competitive demonstrations around the country... Massey Ferguson combines consistently lead the way with top harvesting performance. MF combines have the edge in clean grain samples, fuel efficiency, operator comfort, reliability... just about every serious measurement you consider to evaluate the best combine for your specific needs.

It's what you'd expect from the company that invented the self-propelled combine nearly 55 years ago, and has been a leader ever since.

**MASSEY FERGUSON**

Commitment to excellence.



The world's leading harvesting specialists.

MASSEY FERGUSON developed the world's very first, commercially available, self-propelled combine in 1938.

Since then it has built more than 150,000 combines for U.S. and Canadian farmers. This makes MF a leading combine producer in North America.

During this time MASSEY FERGUSON has earned the respect and preference of the most demanding users. The widely popular MF 800 Series combines, for example, are still in high demand and command top dollar on the used combine market.

CLAAS of Germany, meanwhile, is the undisputed combine leader in Europe and many other parts of the world. It has produced more than 350,000 combines for use all over the world.

As a result, CLAAS combines have been perfected to harvest an amazing range of crops under the most severe conditions imaginable. This global diversity has resulted in combines that are unsurpassed for threshing ability and reliability.

Thanks to truly global operations, CLAAS is able to gather practical field experience twelve months a year. This dramatically shortens the time it takes to bring a first concept through to finished new product.

The best of both worlds.

MASSEY FERGUSON and CLAAS enjoy a richer heritage of accomplishments and successes than any other farm equipment company.

For nearly thirty years, more farmers, worldwide, have chosen MF tractors than any other brand by a wide margin. The reasons for this immense popularity start with outstanding products, of course. But they also include outstanding product service and support.

The MASSEY FERGUSON organization also understands the unique needs of North America farmers. Regional MF Business Units put product and marketing decisions closer to its customers, and make MASSEY FERGUSON more responsive to customers' needs.

Across the ocean in Germany, CLAAS is the world's undisputed leader in the design and production of combines and other harvesting equipment. Its manufacturing plants are modern and efficient, incorporating the latest in technology.

Its labor force is well organized and highly skilled. As a result, CLAAS products are setting new standards for consistent quality control and reliability.

**CLAAS**

USED COMBINES

1986 MF 860 With 9115 Floating Head
1163 Corn Head, Less 2000 Hrs. ... **\$52,000**
1985 MF 860 With 905 Slanting head
1163 Corn Head, 1700 Hrs. **\$48,000**

1983 MF 860 With 9115 Floating Head,
1163 Corn Head, 2800 Hrs. **\$32,000**
1981 MF 860 With 9118 Floating Head,
1163 Corn Head, 2760 Hrs. **\$26,000**

1977 MF 750 With 15 Ft. Floating
Head, 63 Corn Head. **\$15,500**
1972 MF 300 With 13 Ft. Rigid Head
3 Row 30" Corn Head. **\$5,500**

**M.M. WEAVER & SONS, INC.**

Leola, PA 17540

Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt. 23 1 1/2 miles Northeast of Leola on the No. Groffdale Rd. 1 mile on the right opposite Groffdale Mennonite Church

IH 1486 cab & air.....\$9,900
 IH 856, excellent condition.....\$8,500
 IH 1466, factory cab & air.....\$11,500
 IH 1086 cab & air, new TA,
 clutch.....\$14,900
 IH 1066, new engine, new TA &
 clutch, new rubber & paint\$12,500
 IH 1066\$5,900
 IH 244 4WD, 600 hours\$7,900
 IH 656 hydro\$5,500
 IH 966 hydro\$9,500
 IH 1486 cab & air, new TA, clutch &
 rubber\$15,900
 IH 584, showroom condition\$8,500
 IH 574 w/loader\$6,900
 2 cabs to fit IH 706 to 1466
 tractors\$400 & \$650
 IH 826, recent engine & TA overhaul,
 new rubber, 4600 Hours\$6,000
 Financing Available
 717-776-5291
JEFF SHOWAKER
 Exit 11, Rt. 81
 Clean off-the-farm, field tested tractors
 Most Reconditioned And
 Sold With Warranty

Martin Tractor

856 Greenspring Rd.
Newville, PA 17241

Used Tractors

• JD 4320, \$8,500 • MM 670 \$2,500 • JD
 2510, \$4,700 • Ford 961, \$2,500 • Oliver
 770 \$1,600 • AC 7045 P/S \$7,500 • JD
 2010D \$2,300

Used Tractor PARTS Most Makes And Models Have Large Selection

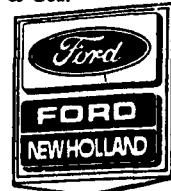
Recent Arrivals: JD 4020; MM UB; JD B; IH 856; Ford
4600; IH 1586; JD B; JD 2120; IH 2500; IH 574, IH 404;
Oliver 1855 4WD; JD 2440; MH 30.

Call (717) 776-7542
 for detailed information
MON-FRI 8-5 SAT 8-12
No Sunday Calls Will Ship UPS
 No Out-Of-State Personal Checks



NH L783 Deluxe Skid
 Steer.....**SOLD**
 IID 12 Post Driver

NH L785 Skid Steer
 Ford Versatile V-276 By-
 Directional w/Loader
 Farmall Cub w/Attachments
 Gehl 99 Blower
 Fox Blower
 Woods RM59 Mower
 IH Grinder Mixer
 MF 52 Disc
 NH 668 LH Tank Spreader
 IH 22' Disc
 NH 315 Bale w/Thrower
 NH 316 Baler w/Thrower
 Ford 8700 Tractor w/Cab
 6' PT Rotary Cutter
 MF 1045 w/72" Deck
 NH 315 Baler Thrower
 PT Field Sprayer
 Coming In:
 Gehl CB600 w/2 Heads
 NH 679 Manure Spreader
 NH 519 Manure Spreader
 Gehl 99 Blower
 Lamco Forage Box
 w/Tandem Gear
 NH #7 Forage Box
 & Gear



**SCHREFFLER
EQUIPMENT**
 Pitman, PA
 717-648-1120
 717-648-1811

JONES IMPLEMENT COMPANY

5449 CHATEAU ROAD,
 EAST NEW MARKET, MD. 21631
1-410-228-0922
410-822-7126

**THE SOURCE FOR LATE MODEL
JOHN DEERE TRACTORS
AND COMBINES**



TRACTORS

(2) JD 4960 MFWD, Duals, Wts.,
 Excellent 455, 539 Hours..\$73,000 Each
 (5) JD 4960 MFWD, Duals, Wts., Excellent,
 600 to 930 Hours.....\$69,500 to \$72,000
 JD 4760 MFWD, Duals, Wts., Like New,
 514 Hours\$69,000
 JD 4455 MFWD, Duals, Wts., Like New,
 621 Hours\$58,500
 All Of The Above Have JD Warranty
 Until 1997
 JD 4555 MFWD, Duals, Wts., 700
 Hours.....\$56,000
 JD 4450 1987 Model, Duals, Wts.,
 MFWD\$45,000
 JD 4850 1987 Model, MFWD, Duals, Wts.,
 2600 Hours\$49,500
 JD 4440 Cab, Duals, Quad Range,
 6500 Hours\$22,900
 JD 2950 MFWD, Cab, 4400 Hours...\$22,900

COMBINES

JD 9600 1992, Duals, 4 WD, 922 Flex,
 280 Hours\$117,500
 JD 9600 1991, Duals, 4 WD, 922 Flex,
 350 Hours\$114,000
 JD 9600 1991, Duals, 4WD, 922 Flex,
 560 Hours\$110,000
 JD 9600 1990, Duals, 4 WD, 922 Flex,
 920 Hours\$96,000
 All Of The Above Hours Are On The Engine
 Waiver Of Interest On
 Used Combines Til 9-1-93

YEAR END CLEARANCE ON NEW AND USED EQUIPMENT IN STOCK

Dynavent 11 HP, Bedding Chopper,
 Good Cond. \$800.00
 16' Jamesway Pack Drive, Base
 Machine, \$3,800
 (30) 40% "x40%" 6 Pane Galvanized
 Windows w/Glass
 (6) 2 Hole Mirfount Energy Free
 Waterers
 Jamesway Model 120 Cattle Feeder 14"
 Wide 60' Long w/Drive
 Heavy Duty Free Stalls
 400' of Jamesway 16" CCW Tapered
 Hook Chain
 10 Ton Imperial Feed Bin Ladder Blow
 Kit Included
 3.76 Ton Imperial Feed Bin
 4 1/2 Ton Fiberdome Feed Bin
 All Feed Bins Are Assembled and
 Ready For Delivery
 20' Jamesway V-3 Rebuilt Complete
 14' Jamesway V-3 Rebuilt Complete
 16' Jamesway V-1 Complete
 18' Jamesway V-2 Complete
 2 Used 18' and 16' Badger Unloaders
 \$200/Each
 3 Pt. Hitch Agri Metal Chopper Like
 New \$1,400
 14 Different Water Bowls In Stock and
 Parts
 New Bedding Choppers Available
 Zimmermann Headlocks In Stock

ROVENDALE AG & BARN EQUIP.

Watsonstown, PA 17777

717-538-9564 or 717-742-4226
 Exit 31, I-80 to I-180 Watsonstown Exit
 Hours: Mon-Fri. 8 to 5; Sat. 8 to 12

J.L. HOLLINGER & SONS, INC.
 Rt. 72 North, Manheim, PA
 717-664-2444 or 717-665-2354

New & Used Farm & Construction Equipment

CRAWLERS

JD 550A, Crawler Dozer, w/6 Way Angle,
 excel. cond.\$16,500
 Case 450B 6 Way dozer, ROPS.....\$12,500
 Case 455C Crawler loader.....\$15,500
 Case 450 crawler loader.....\$7,500
 78 JD 555A crawler loader,
 excellent.....\$14,000

SKID LOADERS

Bobcat 632, nice\$5,750
 Case 1845C skid loader.....\$12,000

FORKLIFTS

Clark IT60, 6000 lb. forklift.....\$8,500

LOADER TRACTORS

AC 840, 4WD Articulated loader, cab,
 excel cond.\$9,500
 Ford A62 4WD, Articulated, Turbo
 Diesel.....\$11,750

MISC.

JD 9300 backhoe attachment.....\$5,500
 Rosco 1 ton roller.....\$2,100
 '85 Pucket Bros. T-450 paver,
 excel. cond.\$6,500
 Arrowhammer gas powered.....\$4,500

BACKHOES

'87 Case 580K, 4WD, cab, extend-a-hoe,
 excel. cond.\$29,000
 Case 580K 2WD, cab, extend a hoe,
 excellent.....\$22,500
 Case 580E, cab, 4-N-1 bucket, extend
 a hoe.....\$18,250
 Case 680H cab, standard hoe.....\$14,500
 Ford 6500 TLB.....\$7,500
 Ford 800 Tractor w/backhoe attachment\$3,750
 JD 415B ROPS, standard hoe.....\$12,000
 Ford 515 ROPS.....\$4,000 As Is

FARM TRACTORS

David Brown 1200 Tractor, 3 pt.....\$3,750
 Int. 354, gas, new paint, excel.....\$3,750

PARTING OUT
 Case 580B Tractor Loader
 Case 450 Crawler Loader

SHIP PARTS ——— UPS DAILY!

CHARLES S. SNYDER, INC.

ROUTE 3 ON ROUTE 443

TAMAQUA, PA. 18252

PHONE: 717-386-5945

MON. THRU FRI. 8:00 A.M. TO 5:00 P.M.;

SAT. 8:00 A.M. TO 12:00

EVENING HOURS BY APPOINTMENT

USED TRACTORS

TAG#	DESCRIPTION	HOURS
6587	Ford 3930 Demo (Excellent) 2WD	114
6984	Ford 8600 w/Cab	921
7437	Ford TW20 Cab 2 Remotes 18-4-38 Duals New	4029
7501	Ford 7710 4WD Cab 2 Remotes 16-9-38 14-9-24	2768
7517	Ford 9N 3 Speed, Nice	
7529	Ford 5000 Gear Diesel 8 Speed	2768
7557	Bolens 1502 Hydro Diesel 2WD w/Mower	
7688	Ford 2000 Gas w/Ind. Loader	2510
7738	Ford 7710 4WD Cab 3 Remotes & Load Monitor	2680
7764	MF 101 4WD w/48" Mower	
7832	JD 2640 Diesel Wide Front End 1 Remote	4381
7824	Kubota L175 2 Cyl. 2WD Turf	370

INDUSTRIAL & SKID LOADERS

7454	Ford 550 TLB Cab 2WD 4 Lever	1664
7753	Ford 655A 4WD Cab 2L Standard Hoe	3880
7754	NH 555 Kubota Hyd. Boom No Buckets	800
7757	Ford 655C TLB 4WD Cab	1263
7765	IH 340 TLB	1189
7786	MF T035 TLB	
7791	Ford 655A TLB Cab Ext Hoe 4L, 4WD	411 2
7843	Ford 555B TLB 4WD Ext Hoe 2L	2081
6862	710 Leaf Loader Left Side Pick Up	445
6870	710 Leaf Loader Left Side Pick Up	277
6873	710 Leaf Loader Left Side Pick Up	185
7151	NH L555 Skid Loader w/Bucket	2056
7367	NH L553 Skid Loader (No Buckets)	

HAYBINE

7023 NH 1495 Haybine, Hydro
 7346 NH 1495 Haybine, Gas
 7639 NH 479 Haybine, Nice

HARVESTER & FORAGE

7282 NH 782 Harvester w/Elec. Controls 2 Row Head
 7482 NH 357 Grinder Mixer
 7693 NH 770 Harvester w/2 Row Corn Head
 7718 Lamco Harvester Box

BALERS & RAKES

7018 Ford 532 Baler w/Thrower
 7162 NH 315 Baler w/Thrower
 7502 NH 326 Baler w/75 Kicker
 7526 NH 320 Baler w/Thrower (As Is)
 7566 Ford 532 Baler w/Thrower
 7579 Ford 532 Baler w/Thrower
 7759 JD 336 Baler w/Kicker
 7779 NH 156 Tedder Pull Type
 7520 NH 256 Hay Rake (Steel Teeth)

COMING... CUSTOMER APPRECIATION DAYS SALE

MON., JAN. 18th THROUGH
FRI., JAN. 22nd, 1993
8 AM to 5 PM

BIG SAVINGS IN PARTS & EQUIPMENT

See Next Week's Issue For Full Details



LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Lmden St. Richland, PA 17087
 (717) 866-7518

GEHL

Special

Used IH Combine, Model 1480
630 Corn Head, 438 Corn Head,
15' Grain Head, "Field Ready"
Call For Details

NEW EQUIPMENT

Brillion Culti-Mulcher 20' Hyd. Fold
Kuhn Hay Equip.
Agco-Allis 7600 4WD Cab
Agco-Allis 5670 4WD
Deutz Allis Disc 12'2" and 13'6"
500 gal. Cagle Field Sprayer
Kidd Bale Choppers
Deutz Allis 1500 Min-Till 9 Shank

USED EQUIPMENT

Marliss 10' no-till drill
MF 850 Combine w/6-R corn head,
15' grain head
(3) Used AC 6R no-till corn planter

Artsway Silamix Feed Wagon
In Stock Now.

**COMPARE OUR PRICES
ON WOODS MOWERS**

B. EQUIP. INC.



8422 Wayne Highway
Waynesboro, Pa. 17268
717-762-3193

1

FARM EQUIPMENT

DO YOU NEED YOUR AG ELECTRONICS REPAIRED??

We Service:

- Grinder/Mixer Scales
- Planter Monitors
- Sprayer Controls
- Moisture Testers

SERVICE IS OUR ONLY BUSINESS!!

Featuring:

- Flexible in-season customer hours
- Quick response, fast turn around
- Walk-in, ship or call for repair
- Quality repairs by our experienced people
- Independently owned

AG-EXPRESS ELECTRONICS

106 W. Main, Box 28
Sulphur Springs,
IN 47388
317-533-4809

KELLER'S FARM MACHINERY

116 Richlandtown Pike
Quakertown, PA 18951
215/536-4046

USED TRACTORS

Ford 3910 4WD w/loader
Ford 501 off set, w/1R cultivator
Ford 4000D, S.U., 8 speed
Ford 445A Loader, 3 Pt., 4WD
Ford 7000 Dual Power
Ford 1220 4WD w/Loader
Ford TW20, 4WD, Cab, Air, Dual Power & Weights
Ford 7610 4WD Dual Power, ROPS, w/Canopy
Ford 2810 Series 2, 8 Spd. w/Loader
Ford 3600, 8 Speed, PS
Ford 8N, Rebuilt And Repainted
JD 350 B Crawler Loader
JD 850 w/6' Belly Mower
David Brown 1200
Case 411 w/3PT
Farmall 300, NFE, Fast Hitch
MF 35 w/Loader, PS, Live PTO

USED EQUIPMENT

NH 100 Bu. PTO Spreader
Badger Silage Wagon
York 8' Rake
Woods Cadet 84 Mower
NH 357 Grinder Mixer



THERE'S MORE THAN JUST POWER IN THE NAME

There's More Selection: 5 to 5,000 hp
with specific concentration
from 10 to 50 hp

There's More Exp.: For over 60
years these engines have
proven themselves the world
over, in the most demanding
applications

LET'S TALK DIESEL POWER

USED ENGINES

1154 Dan -VM Diesel w/Clutch

NEW ENGINES

1 - S4F-T 87 HP @ 3000 RPM. \$3,700
2-K4E's 31 HP @ 3000 RPM....\$1,825

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We Also Thank You For Your Business.
We Are Here To SERVE You And To SAVE You
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- 9624450- 134 Hydraulic Oil, 2.5 Gal. ~~\$19.99~~ **\$9.95**
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- 403-6661-WD-40 12 Oz. Can-
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Paint And
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- Case IH 275 Tractor, 4x4, Loader
- Case IH 7110 Tractor w/Cab, 520 Hrs., Like New
- Case 300 Tractor
- JD 2950 Tractor, 4WD
- JD 2550 Tractor
- Ford 1210 Tractor, 4x4, w/Loader
- Farmall H Tractor w/Loader
- IH 1486 Tractor w/Cab
- MF 1805 Tractor, 4x4, Cab, 193 HP, (Snowplow Available)

HAY & FORAGE

- NH 273 Baler
- NH 276 Baler w/Thrower
- NH 326 Baler w/70 Thrower
- NH 848 Round Baler, Demo
- NH 850 Round Baler
- NH 851 Round Baler, Like New
- NH 853 Round Baler, Twine, Bale-Command
- JD 680 Hayrake
- IH 55 Blower
- NH 258 Rake
- NH 1499 Haybine, 410 Hrs., Like New
- NH 1495 Haybine
- NH 411 Discbine
- NH 488 Haybine
- IH 1480 Hydrowing Mower-Cond., 12 Ft.
- NH 479 Haybine
- IH 327 3RN Cornhead, Very Good
- IH 120 Sickle Bar Mower, 3 Pt.
- NH 892 Forage Harvester, Metal Detector
- NH 770 Harvester w/2 Row Cornhead, Pickup
- MF 280 Forage Harvester, w/2 Row Narrow Cornhead, Pickup
- JD 15A Flail Chopper, 60" Cut

SKID LOADERS

- NH 1555 Deluxe Skid Loader, 900 Hrs., Excellent
- NH 425 Skid Loader
- NH 1785 Skid Loader w/Bucket
- Mighty Mac 9C Diesel Skid Loader
- Owatanna Skid Loader, Like New, 18HP w/Bucket
- Case IH D100XR Backhoe
- NH B134 Backhoe
- NH D130 Backhoe

SPREADERS

- IH 530 Spreader, Excellent
- NH 328 Spreader
- NH 676 Spreader
- NH 679 Spreader

MISC.

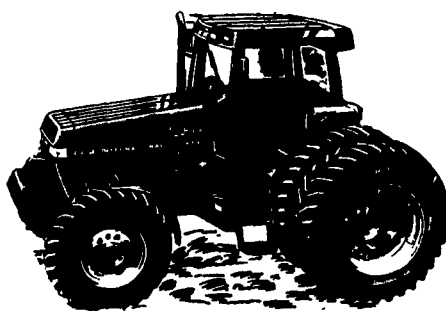
- NH 357 Grinder/Mixer
- McConnel 450 Potato Harvester
- Brillion 5 Ft. Landscape Seeder
- 4 Row Liquid Side Dresser
- Century 1000 Gallon Sprayer, 48 Ft. Boom

PLANTING & TILLAGE

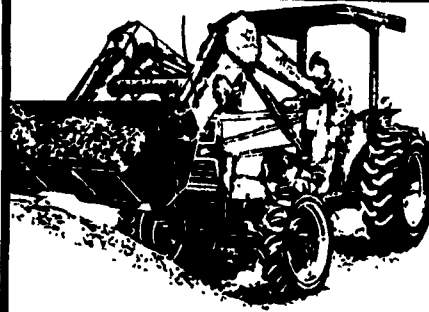
- IH 800 Planter, 4 Row, Exc. Cond.
- JD 8200 Grain Drill
- Brillion 13'8" Cultipacker
- JD 12 Ft. Disc Harrow
- Brillion 12 Ft. Cultipacker
- Litton 9580 No-Till Drill
- NH OD100 Offset Disk
- AC 18 Ft. Wing Disc Harrow

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Rheems Exit- Rt. 283, Elizabethtown, PA
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**CASE IH MAGNUM IN STOCK**

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- Forward & Reverse Shuttle Shift
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SPECIAL PRICES: 495 With Loader

MAXXUM TRACTORS JUST GOT BETTER!

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**CASE IH 5130 TRACTOR**

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Buy Now At Old Price
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CASE IH 3900 FOLDING DISC HARROW

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- Hyd. Fold Wings

It Levels, Levels, Levels!

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20x6

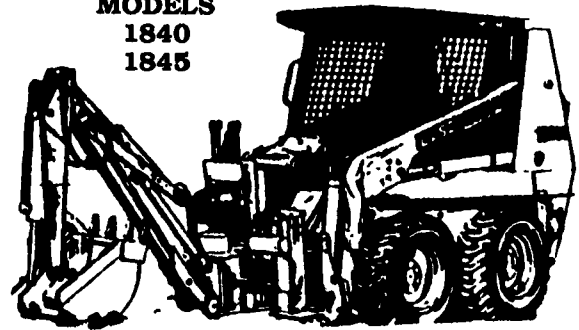
With Heavy Duty Disc Openers & Press Wheels

**CASE IH SKID STEER**

The Deals Have Never Been Better!

MODELS

1840
1845



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OUR
OPEN HOUSE
Jan. 18-23

case ih

Ford
Credit

JUST
ANNOUNCED!!

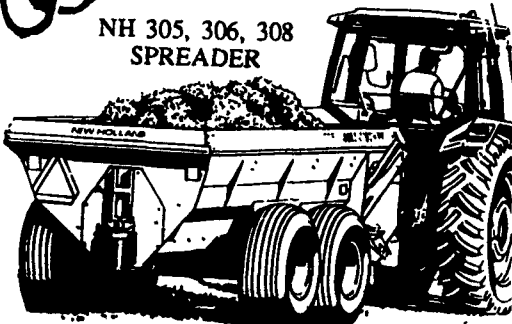
WINTER BUYER DIVIDENDS ARE HERE!!

BIG REBATES!! SAVE FROM \$75 TO \$12,925!! The earlier you buy - the more you save!



Looking For A Spreader?
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NH 305, 306, 308
SPREADER



Feed Your Own Top Quality Grain!
NH 355, 358 GRINDER/MIXER



Hyd. Drive, With Or Without Scales.

NH 2450, 2550 SELF-PROPELLED HAYBINE

All New
From The
Ground Up
For '93!

Winter Buyers
Dividend
SAVE \$4,225

Order Now To
Assure Delivery
In '93



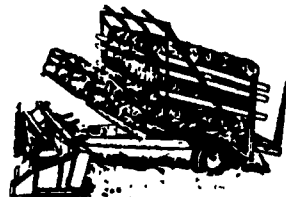
- Wide Conditioning Rolls & Bigger Tires
- New Cab
- More Horsepower
- Hyd. Drive Header
- Push Button Header Controls
- Gauge Wheels On Head
- 12', 14', 16' Heads

EXTRA DISCOUNTS DUE TO WEATHERED CONDITION

New Units! Must Go! Call Today For Extra Special Deal



NH 216
UNITIZED
RAKE
• 27' Raking
• 10' Transport Width

**NH 1037 BALE WAGON**

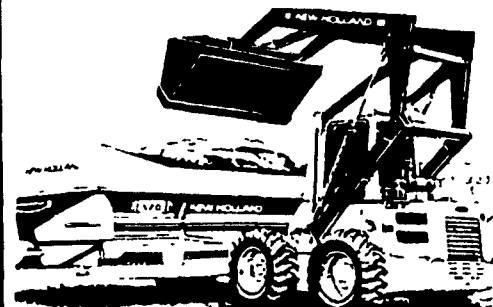
1 Man Bale Handling!
Handle Up To 1664
Bales Per Day!

NH 790 HARVESTER

- Metal Detector
- 2 Row Head

NH SKID STEER LOADERS

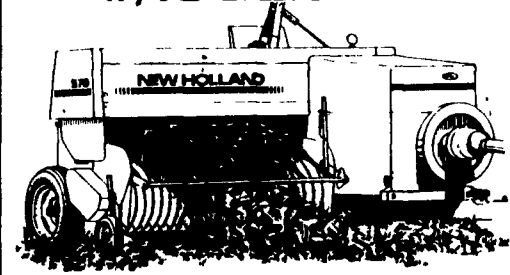
Models In Stock: L250, L455, L553, L785



4% Financing/36 Months!

End Of Season Special!

NH 570 BALER
W/72 THROWER

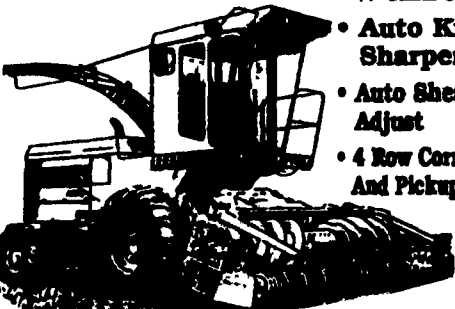


Make Tight, Square Bales!

NH 1915 S.P. HARVESTER

★ ALL NEW

- Auto Knife Sharpening
- Auto Shearbar Adjust
- 4 Row Cornhead And Pickup



Winter Buyers Dividend - SAVE \$12,925

NH 1499 MOWER-COND.

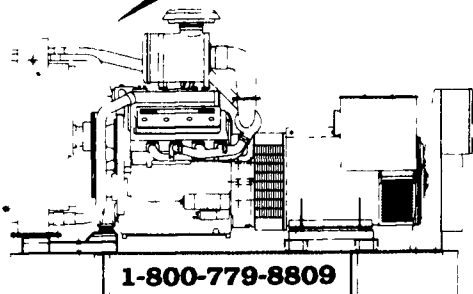
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UNIT
\$31,985



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Chopper Like
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Engine

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Int: 1466, 1466 w/cab;
1486 w/cab; 1086
cab; 1066; (4) 1066
w/cabs; 966 w/cab;
886 w/cab, 856; 786;
706 w/cab; 706; 766
w/loader, 686; 684;
656 w/cab; 560; 460;
340; Cub. JD: 2010;
Ford 9N; Ferguson
35; Ferguson 35 w/
loader; AC 160 w/
loader, AC C: JD 70
skid steer.

Coming In: Int. 806 w/
cab; 400; JD 2840 w/
loader.

**Leader's Farm
Equipment**
Everett, PA
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USED TRACTORS

- | | |
|--|---|
| JD 4455, cab & air, power shift, MFWD | JD 2555, cab & air |
| JD 4050, cab & air, quad range, like new | JD 2550 w/240 loader |
| JD 4840, cab & air w/duals | JD 2840 |
| JD 4450, WFWD, cab, air, power shift | JD 2350 |
| JD 4440, cab, air, power shift | JD 2240 w/loader |
| JD 4440, quad range, MFWD | JD 1070, MFWD, 400 hrs. |
| JD 4430, 4 post, excellent | JD 1050 w/470 hrs. |
| JD 4430, 1976, excellent | JD 2240 w/cab |
| JD 4250, MFWD, cab & air | IH 5088, cab & air |
| JD 4240, 4 post | IH 3688, cab & air |
| JD 6030, sharp, 4,000 hrs. | IH 1486, cab & air |
| JD 4230, cab & air, power shift | IH 666, diesel |
| JD 4230 fender, quad range | IH 884, MFWD w/2250 loader |
| JD 4320 | IH 966 |
| JD 4020, power shift | Ford 1210 w/loader & backhoe |
| JD 4020, syncro | Ford 5000, diesel |
| JD 3020, diesel | Ford 6600, diesel |
| | MF 2745, 24 spd., cab & air, 1,400 hrs. |
| | Case 1494 w/loader, 590 hrs. |

Case IH 595, like new, 640 hrs.

INDUSTRIAL

- | | |
|---|---------------------------------------|
| JD 310 TLB w/cab, excellent | Gehl 3610 skid loader, demo, 100 hrs. |
| Case 580 TLB, gas | |
| MF 200 diesel crawler loader, 4 in 1 bucket | Gehl 4400 skid steer loader |

USED PLOWS

- | | |
|--|---|
| White 6 btm. 16" spring reset plow | IH 710 8 btm. 18" spring reset, on land hitch |
| IH consertill 10' | IH 710 7 btm. on land hitch |
| JD 3 btm. roll over plow | JD 2500 5 btm. 18" spring reset |
| JD 5 btm. on land hitch | JD 2500 6 btm. auto reset |
| JD 8 btm. 2800 varied width on land hitch plow | |

USED COMBINES

- | | |
|-------------------|----------------------|
| 244 JD corn heads | JD 215 flex head |
| 444 JD corn heads | JD 6620, 1982, sharp |
| 443 corn head | JD 4400, diesel |
| 643 corn head | |

IH 1640, 400 hrs., like new

HAY EQUIPMENT

- | | |
|-----------------------------|---------------------------------|
| NH 472 haybine | NH 310 baler |
| Gehl 1850 round baler | NH 320 baler w/kicker, like new |
| JD 346 wire baler w/thrower | IH 8420 round baler, like new |
| JD 347 wire baler | |

MISCELLANEOUS

- | | |
|---|---|
| JD 7000 4 row planter | IH 760 offset disc, very good |
| Fox Super D harvester | Kewanee 12' mulcher |
| NI 2 row wide, 12 roll bed | JD 12' mulcher |
| Kewanee hyd. fold 20' roller harrow, like new | Gehl 72C flail chopper, excellent |
| Taylorway 25' disc | Farm Hand F11 high lift loader w/PTO pump |
| JD 110 disc | Gehl 120 feed mill |
| JD 115 disc | Gehl 960 forage wagon w/roof |

NEW NI 3626 spreader w/tailgate

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12,000 Gal. Steel Fiberglass Coated, Buffhide
4,000 Gal. Double Wall Steel Fiberglass Coated, Buffhide
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2,000 Gal. Tank With 800 Gal. Of Varsol & Pump \$1,000

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20,000 Lb.
Towmotor,
Detroit
Diesel,
Very
Good
Cond.
\$10,000

FORKLIFTS

- | | |
|--|-------------------|
| 8,000 Lb. Yale, Dual Pneumatic, Runs Good..... | \$3,000 |
| 5,000 Lb. Hyster, 1984, Solid Tire, LPG, 3 Stage Mast, Very Good Cond..... | \$5,000 |
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| (2) 12,000 Lb. Towmotor Pneumatics Detroit Diesels, Very Good Cond. | \$4,500 & \$7,500 |
| 6,000 Lb. Clark Pneumatic Gas 3 Stage Mast, Very Good Cond. | \$5,500 |
| (3) Electric Pallet Jacks | \$500 Each |
| 4,000 Lb. Toyota Electric 1984 Sideshift, Excellent Cond. | \$5,000 |
| 6,000 Lb. A/C Pneumatic Gas O Time On Eng., Trans. & Acces's Like New.... | \$6,500 |
| 5,000 Lb. Clark, Electric w/charger, very good condition | \$4,000 |
| 4,000 Lb. Hyster Solid Tire, 3 Stage Gas, Very Good Cond. | \$2,500 |
| 3,000 Lb. Yale Electric Straddle Lift, Very Good Cond. | \$1,500 |



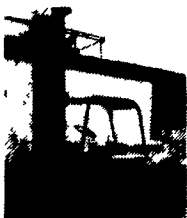
6,000 Lb.
Cat Gas,
Auto,
Very
Good
Cond.
\$5,500



5,000 Lb. Hyster 1984
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Cond. \$6,500



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Very Good Cond.
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\$7,800
500 gallon Krause pull-between tank caddy (for disc, field cultivator or landman)
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• Cash Discount Available On Straight Sale!

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NEW MISC. EQUIP.

NH 24 Ft. Elevator— \$2,270
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* Nice Selection Of Polaris Snowmobiles — New & Used From \$575 To \$2750

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'89 JD 430, 3 Cyl. 20 HP. Diesel, 390 Hrs., 60" Underneath Mower, Loader w/54" Bucket, 3 Pt. Hitch, (Blade Avail.)— \$8,950!
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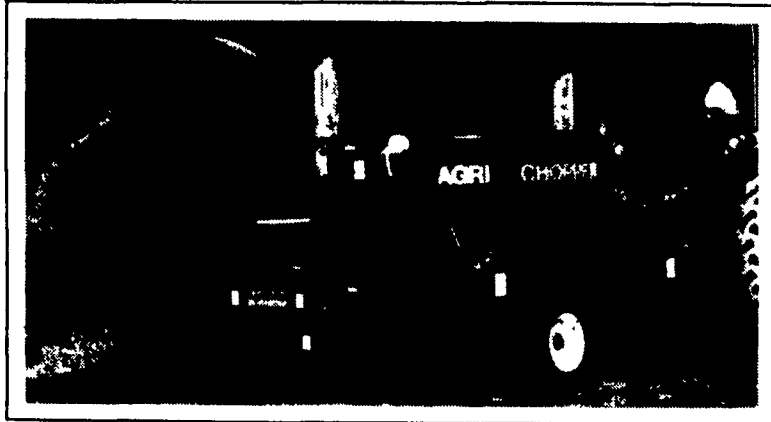
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On their purchase of a new **AgriMetal 5600-P "AGRI CHOPPER"**

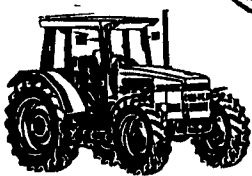
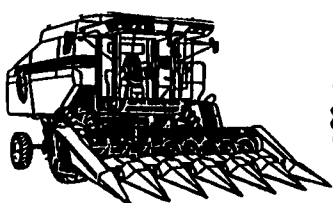
To be used in their Hydroseeding and Excavating Business
The 5600-P features a high speed blower capable of blowing material up to 70 ft. and an electronically controlled discharge spout

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DA 6275 D w/466 Loader, Only 268 Hours, Like New!
AC 7030 D w/Cab
AC 5045 D w/Low Hours
AC D19 3 Pt. Hitch
AC D17 w/Wide Front-End
AC WD
Deutz D 8006
MF 1150D w/Cab
MF 231D, Only 70 Hrs.
MF 85, Excellent
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White 1855D
Oliver 550
Case 500
Farmall H
Zetor 6245D w/Leon 690 Loader, Only 1003 Hours

COMBINES

(1978) AC Gleaner M2 D w/Cab Air, 15' Grain & 630 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
JD 3300 w/Cab, 12' Grain Head
NI 323 1-Row Picker, Excellent
AC 315 15' Floating Head, Like New
AC 630 Corn Head For N Or R Series Combines
JD 334 3-Row Corn Head
(2) JD 235 2-Row Corn Head

TILLAGE

MF 11' Disc Harrow, Pull Type
JD 9' Disc Harrow, Pull Type
AC 1600 Chisel Plow, Like New, 10 Shank Pull Type
AC 2000 6-Bottom Plow, On Land
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
AC 600 Air Champ Planter 6-30" Rows
AC 600 Planters, 4-30" & 4-38" Rows
AC 600 Planter, 6-30" Row, Demo

HAY TOOLS

JD 1209 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
IH 2400 Round Baler
NH 276 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
Gehl 5' Disk Mower, 3 Pt.

FORAGE HARVESTERS

NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
(2) Farm Hand Grain Bodies, 135 Bu. w/ Running Gear

MSC.

(2) Weaverline 330 Silage Cart
NH 352 Grinder/Mixer, Excel!
Gehl Grinder/Mixer
M&W 2000 Bu Grain Dryer

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Double Savings On Used Tractors, Combines And Implements. Extra Special Discounts For Cash Or Low Finance Available (Free Delivery Within 100 Miles)



Case 1845C Skidsteer
1988, Approx. 2500 Hours, Just
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Farmall 400D
Ford 9N
JD 4230 w/cab & air
JD 2010D
MF 165D
MF 180D
Oliver 1650G, NFE w/
roll guard
Oliver 1755D, WFE, cab
IH 510 drill
IH 241 Round Baler
IH 400 air corn planter
NH manure spreader
NH 850 round baler
Gleaner M2 combine

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Kubota L5450, 4WD, Hyd. Shuttle, 50 HP w/Loader
Kubota 2050, 4WD, 25 HP, Turf Tires..... **\$7,900**

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540 Round Baler, 1000 Lb..... **\$8,400**

USED EQUIPMENT

Hesston 666 4WD, 60 HP w/Loader
Hesston 4800 Big Square Baler
NH 326 w/Thrower
IH 84 Hydro w/2250 Loader
IH 284 Dsl. w/Woods Mower
Bush Hog 2615 15', 1000 RPM Mower
Kuhn FC 300 Disc Flail Conditioner
Kuhn GMD 77, 9', 3 Pt. Mower
Oliver 548, 6X, 16", SAR Plow
Donahue Windrower Trailer
Goosen Stationary Bale Chopper
(2) NH 479 Haybine
Hesston PT7 Windrower

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Cub Cadet 1811, 18 HP Hydro, Excellent
Grasshopper 1822 w/Catcher
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White Model 2-105 Diesel
IH 766 D Tractor
IH 884 Dsl. Row Crop
IH 966 Tractor
IH 1066 Dsl. Gear
IH 1026 Diesel Hydro
Case 930 Diesel
Case IH 685 Dsl., 2WD
Case 380 diesel w/Loader
Case IH 685 Diesel MFD
JD 2440 Diesel w/Cab

MATERIAL HANDLING

NI 213 Manure Spreader
NI 3639 Manure Spreader
Schuler 125BF Feeder
Wagon
Schuler 175BF Feeder
Wagon
NI 245 Manure Spreader
NI 382 V Spreader
NI 384 V Spreader
Papec 870 Grinder Mixer
NI 364 Manure Spreader
Walsh 500 Gal. Sprayer
NH 328 Manure Spreader

SKID LOADERS

Case 1830 Gas
NH L555 Diesel

HAY & FORAGE

IH 440 Baler w/Thrower
Badger 950 Forage Wagon
Fox 457 Self-Propelled For-
age Harvester
Gehl 99 Blower
NH 1495 Windrower, Self
Propelled
Hesston 6550 Windrower,
Self Propelled
NH 25 Blower
Case IH 600 Blower
Dion 16' Forage Box w/Roof
OMC 235 Hydra-Swing Mow-
er Conditioner
MF 260 Forage Harvester
Gehl 2330 Disc Mower
Conditioner
Pequea 786 Hay Turner
Hesston 1090 Mower
Conditioner
IH 225 Hayswather
JD 216 Forage Wagon

TILLAGE

JD 4x16 Spring Trip
JD 325 Hyd. Reset 3x16
JD 12' Cultimulcher
IH 720 6x18 Plow
Brillion 14' Packer, 4" Axle
Chattanooga Cultimulcher 22'
Athens 131, 9'6"
Taylorway Off-Set Disk 6'
IH 720 5x20 Plow
IH 480 Disc 14'
JD 4RN Cultivator
Glenco 11' Coulter - Chisel
MF 345 3x16 Plow

PLANTING & SEEDING

IH 510 Grain Drill, 16x7
Case IH 5100 Grain Drill 16x7
IH 800 4R Narrow Cyclo
Planter
White 5100 Planter 6RN

UNI EQUIPMENT

704 Power Unit
717 Combine
838 Husking Bed
768, 3R Corn Head

**HARVESTING
EQUIPMENT**

IH 963 6RN Corn Head
IH 820 Flex Head 16½"
IH 1440 Combine
IH 1460 Combine
NI 311 2RW Picker
IH Model 1PR Corn Picker
Case IH 1680 Combine
JD 300 Corn Picker 2RW

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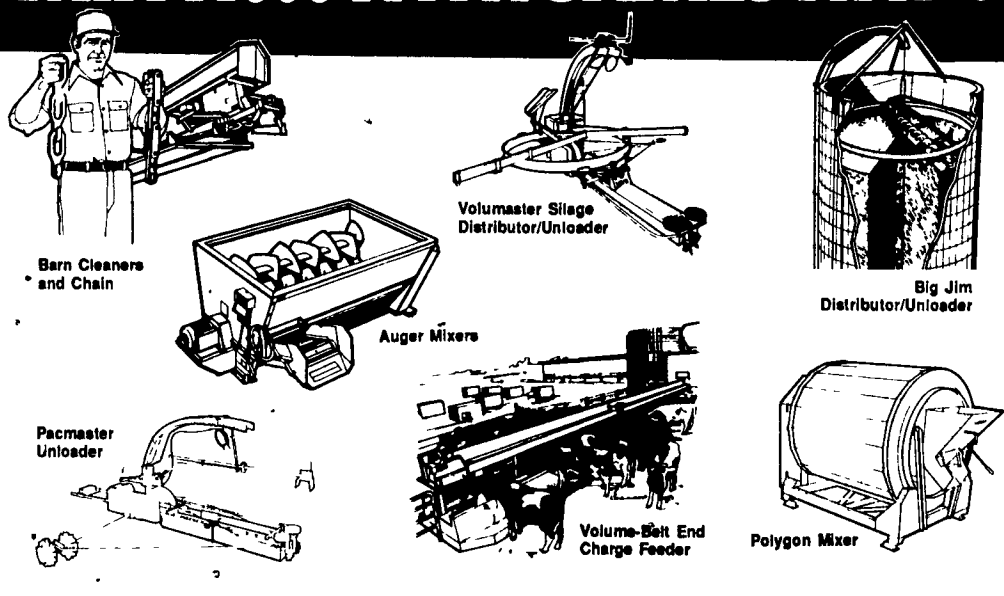
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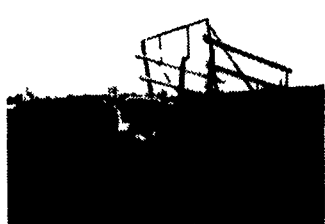
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1976 John Deere 4400 Diesel w/13'
Platform Big Tires, Nice Condition.



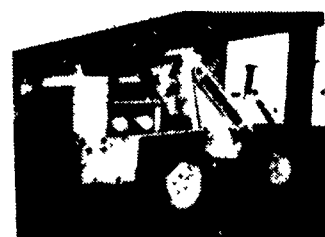
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Bale Capacity, Very Nice Condition,
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20" Front, 18" Rear, 8 1/2" Spacing.



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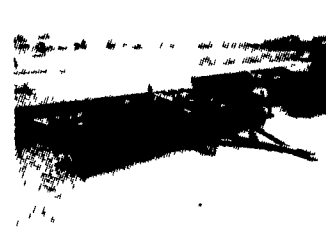
Good Used Spring Loader Plow
Coulters, Will Fit Most Plows (Lim-
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John Deere 28 Blade 12' Cutting
Disc, 11" Spacing, 22" Front
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IH 720 5x20" ASR Plow w/Spring
Coulters And Trash Boards.



IH 315 14' Cultimulcher w/Hydraulic
Cylinder, Good Condition.



1992 Chevrolet 8' Pick Up Truck
Body (New), \$650.

FARM TRACTORS

- 1980 JD 4440, Cab, Air, Quad, Near New 18x38 Radials, Front & Rear Weights, Nice
- 1979 JD 4040, ROPS, Powershift, 18.4x38 Tires, Nice
- 1968 JD 4020, Syncro, Good Tires, Weights, Very Good, Sharp
- 1963 JD 3010 Diesel, Tricycle, Clean Tractor w/Front & Rear Weights
- 1976 IH 1486 Cab, Air, Very Good 18x38, Front Weights, Nice Inside And Out
- 1977 IH 966 w/Cab, 2900 Hours, Weights, Sharp — Coming In
- 1985 IH 385, Low Hours, 1 Remote, Very Nice, 35 HP
- 1968 IH 756 Gas, WF, 540/1000 PTO, Very Nice
- 1982 Case 4490, 4WD, Cab, Air, Near New 18x34, 3 Pt., PTO, A Very Nice Tractor
- 1976 White 2-70, 4WD, Year-A-Round Cab, 18.4x34 Tires, 2 Remotes
- 1965 Oliver 1650 Diesel, WF, 2 Remotes, 18.4x34 Tires
- 1977 Case DB 990 Diesel w/Loader, New 18.4x30 Tires, 3 Pt., PTO
- 1990 Kubota L2050 4WD w/Loader, Turf Tires, 20 HP
- 1965 IH 706, Gas, Tricycle w/Cab, 3 Pt. 540/100 PTO, Nice
- 1956 MM 445, WF, P.S., 3 Pt. 38" Tires, A Nice One
- 1972 AC 170 Diesel, WF, 3 Pt., Good Tractor, 54 HP
- 1940 Farmall A w/Plow And Cultivator, Crank Start
- 1977 JD 301 Gas w/JD Loader, 3 Pt. PTO, A Hole In The Engine Block

TILLAGE

- IH 450 3x16 3 Pt. ASR Plow
- IH 720 5x20 ASR Plow
- IH 642 4x16 Rollover Plow- 3X Base
- JD 4200 4x18 Rollover Plow
- JD 1450 4x18 Trip Back Plow
- JD 1450 5x16 Trip Back Plow
- (2) JD 3x16- 3 Pt. Plow
- (2) JD 3x14- 3 Pt. Plow
- White 508 3x18 ASR Plow
- Oliver 6x18 ASR Plow
- MF 880 4x16 ASR Plow
- (2) MF 57 4x16 Rollover Plow
- Long 4X 2 Way Plow- 3X Base
- JD 1710- 11' Mulch Tiller
- JD 1710A 9' Mulch Tiller
- Brillion 12' Pull Chisel Plow
- Oliver 6' 3 Pt. Chisel
- JD 9' Offset Disc
- NH OD100 12 1/2' Offset Disc
- (2) Miller 11' Offset Disc
- (3) IH 500 Cutting Disc, 12', 13' & 14'
- JD 12' Cutting Discs
- (2) White 271- 18' Wing Fold Rockflex
- IH 470- 14' & 15' Discs
- (2) IH 37- 9 1/2' Discs
- Bush Hog 12' Cutting Disc
- JD RWA 8' Disc
- JD 110 14' Disc
- JD 215 10' Finish Disc
- Krause 1583 16' Bi-Fold
- JD KBA Disc
- JD 13' 3 Pt. Field Conditioner
- Lorenz 13' 3 Pt. Field Conditioner
w/Rolling Basket
- (2) IH #45- 19' Wing Fold Field Cult.
- (3) IH #45- 12' 3 Pt. Field Cult.
- IH #45- 12' Fast Hitch Field Cult.
- White 16' Wing Fold Field Cult.
- Glencoe 10' Field Cult.
- Case IH 183 6x30 Danish Cultivator
- JD RM 4 3 Pt. Cultivators
- (5) JD- RM- 6 Row Cultivators
- (2) Ford 2 Row- 3 Pt. Cultivator
- (2) Brillion 15' Cultimulchers
- IH 315- 14' Cultimulcher
- JD 930 12' 3 Pt. Cultimulcher
- Dunham 10' Cultimulcher
- Kewanee 10' Cultimulcher
- Brillion 10' and 12' Mulchers
- Dunham 15' Cultipacker w/Transport
- Brillion 14 Cultipacker w/End Trans-
port & Star Wheels
- Brillion 12' Cultipacker
- Chattanooga 12' Crowsfoot
- (2) Brillion 8' Cultipacker

MANY MORE ITEMS NOT LISTED

MISC. EQUIPMENT

- 1976 JD 4400 Diesel 13' Grain
- Rhino 15' Wing Mower
- Woods 0121- 10' Offset Mower
- Terrain King TK15 Wing Mower
- (2) JD 327 Baler w/Ejector
- JD 346 Baler w/Ejector
- NH 273 Baler w/Thrower

- New Woods MD 315 Batwing Mower
- JD 1240 Plateless 4x Cornplanter
- JD 7000 4x36 Cornplanter
- NH 478 Haybine
- NH 472 Haybine
- IH 990 9' Haybine
- (3) NH 451 Sickle Mower

- (2) Farmco 18x8 Steel Hay Wagons
- JD 1500 3 Pt. Power Drill
- New Holland 1002 Stackliner
- New Loader Buckets In Stock
- (5) Small Manure Spreaders
- JD 400 Grain Buggy
- (4) Gravity Wagons

- JD 148 Loader w/3020 Brackets
- Bush Hog Loader To Fit MF135
- Brillion 6' & 8' Packer Seeders
- Duals- 18.4x38, 20.8x38, 16.9x34
- Ford 172 Cu. In. Power Unit
- Cub And Super A Snowblades
- Zimmerman 32' Elevator- Very Nice

1

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New Holland 307 Manure Spreader.....	\$8,500
New Holland 679 Manure Spreader.....	\$4,500
New Holland 519 Manure Spreader.....	\$3,450
New Holland 518 Manure Spreader.....	\$2,900
New Holland 328 Manure Spreader.....	\$3,500
New Idea 364 Manure Spreader.....	\$5,500
I.H. 550 Manure Spreader.....	\$2,500

New Holland L-778 Skid Loader.....	\$12,500
New Holland L-455 Skid Loader.....	\$10,500
New Holland L-445 Skid Loader.....	\$9,800
New Holland L-425 Skid Loader, Like New.....	\$7,600
Bobcat 610 Skid Loader.....	\$5,900

Ford 1520 - 4 WD w/Loader.....	\$10,500
Ford 1220 - 4 WD w/Belly Mower.....	\$8,000
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Case 580C Loader/Backhoe.....	\$10,500
M-F 165 w/Loader.....	\$7,000
Case IH 275 - 4 WD.....	\$8,500

New Holland 846 Round Baler.....	\$4,900
New Holland 849 Round Baler.....	\$7,500
New Holland 852 Round Baler.....	\$4,500
New Holland 855 Bale Command-Like New.....	\$11,000
New Holland 855 Hyd. Tie.....	\$9,500
New Holland 489.....	3 To Choose From
New Holland 488 Haybine.....	\$5,500
New Holland 469.....	3 To Choose From
New Holland 411 Discbine.....	2 To Choose From
New Holland 499.....	\$9,500
New Holland 495 12' Haybine.....	2 To Choose From
New Holland 1469.....	4 To Choose From

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Case IH 1896 w/cab, very niceCase IH 7120, MFD,
less than 25 hrs.
w/balance 4 year
warranty**USED EQUIPMENT**IH 784 diesel tractor w/loader
IH 2255 front end loader
IH 450 4 bottom ~~sorted~~, auto reset w/
coulters
JD 4200 - 3 bottom rollover plow
JD 5 bottom semi-mounted auto
reset \$800.00
Brillion cultimulcher 14 ft., \$900.00
Ford - 4 Bottom semi-mounted plow
Century 500 gallon sprayer w/centrifugal
pump
NH 356 baler
NH 258 hay rake
NH #36 crop chopper
IH 4500 vibra shank, 3 pt. hitch, 19'
Wetmore grinder mixer,
130 bu. ~~\$1,500~~ \$1,000
Oliver 4 btm. mounted plow, 16"JD 16' transport harrow
Case model 500 6 btm. plow, auto reset
JD 450 4 btm. plow w/shifting hitch
IH 9' drag harrow
IH 510 grain drill, single disc w/fert., nice
JD 7000 4 row corn planter w/fert. &
insecticide**GRAIN HARVESTING**JD 4400 Combine w/rotary air screen,
2,500 hrs., nice
Gleaner Model G Combine, diesel
w/4 row narrow head &
grain head
IH 810 15' head
McCurdy 230 gravity boxes
McCurdy 275 gravity boxBadger 2600 Harvester w/2 row corn
head w/2 row snapper head w/5'
hay pickup~~\$3,500~~ \$2,500**NEW HAY TEDDERS IN STOCK**

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483, 484 Round Baler, Demo**FORAGE HARVESTERS:**
HESSTON: 2000-100, 2000-150, 7020 w/Your Choice Of
Heads, 7140, JD 3800, Gehl 970 Forage Box & Gear
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622, Gehl Blower w/Re-CutterNI Rakes, Fahr Four Star Centepede Tedders, New Deutz
Fahr KS 2 60 Dual Rotary Rake w/Hyd Fold For Easy
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TrailerEquipment For High Moisture Corn, McKee Corn Hog, Kool
Regrinder BlowerWhite Top Harvester Silo, 20x32 w/Unloader, Torn Down
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AC: 2300 10 FtMASSEY FERGUSON: 10 Ft Leveling, 12 Ft Smoothing
KEWANEE: 800 Super Flex 14 Ft, 18 Ft & 13 Ft Rock Flex

JD: RWA 13 Ft Smoothing, BWA 12 Ft Smoothing

OFFSET PLOWING DISCS:

BH: 12 Ft Reconditioned

MILLER: 11 Ft 3 Bar, 14 Ft

KEWANEE: 12 Ft Demo

JD: 14 Ft 340 Rebuilt, TWA 10 Ft

ATHENS: 11 Ft Tandem

PLOWS:JD: 2800 7 Bottom On Land Hitch Reset, 2500 5X Semi-
Mount Reset, 3600 4X And 5X Spring Reset TrailerIHC: On Land Hitch 710 6X, 720 8X, 720 6X, 735 Variable 5X
7-14 Shank 3 Pt Chisel PlowsBrillion 16 Ft And 18 Ft (Danish Jine) Spring Tooth Harrows
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7-14 Shank 3 Pth. & Trajler Chisel Plows

TINKERER'S ROW: Int. 430 Baler w/Thrower, AC 6 Row No-Till Corn Planter, NH 33 Flail Chopper, AC D15, AC 190 w/Cab, AC B, AC 175, Ferguson 20, 35, Farmall H; JD 336 Baler w/Thrower; JD
301 w/Loader, Ford, 7710 4WD.**SPECIALS**Better Built 1500 Gallon Vacuum
Spreader With Injectors
Excellent Condition**\$4,975****TEST DRIVE One Of These
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HI CLEARANCE: Ford 2000, Farmall Super A

AC: 7010 w/Cab, PS, 7000 w/Cab; 6080 w/ROPS & Sunroof,
6060, 5040 w/Ldr, 200 w/Cab, 190XT Diesel, 185 Diesel,
180 Diesel, D12, D10 w/Woods L159 Mower. Farmall: 686
Diesel, 806CASE: 385 Utility Tractor w/Hydraulic Drive Sickle Bar Mower,
1175.DEUTZ: 7085 w/Cab 2WD, DX140 w/Cab, DX90 4WD
FORD: 5000 D, 4000 w/Ldr., 3000 w/Ldr, 8N's, 540A w/
Cab, 335 w/Ldr. & Cab - 641 w/Rotary Mower KUBOTA:
M7950DT 4WD w/Cab, M8950DT 4WD w/Cab, B8200
4WD w/Loader; B7200 w/Ldr 4WD, M5500 w/Ldr. IHC: M,
140 w/Cultivator, 184 w/Woods Belly Mower, 806, 544 w/
Ldr, 340, Super H; Massey: 135 w/Ldr JD: 3010 Gas,
1020**STOP And Check Our Selection
Of Manure Equipment**LIQUID: 3000 Gallon Vandale Vacuum Pressure Liquid
Spreader For Truck Mounting, Hawkbilt 3220 Gallon, H/M
2900 Gallon, 2400, Scavenger 1263, Betterbilt 1500 Gal-
lon, Clay Honey Wagon, VacuumSeveral NI And NH Box Spreaders, Various Sizes Barrel
Spreaders - NH 668, Hawk 207, JD 465**Time To THINK About
PLANTING EQUIPMENT**JD 8250 Disc Grain Drill, Like New, JD 8350 Dbl Disc Grain
Drill- 18 Disc; AC 2- 4- 6 Row Corn Planters, JD 2 Row
Corn Planters, Brillion 21 Ft Ex Fold Cultipacker- Like
New, Brillion 10 Ft Cultimulcher; New & Used Brillion 8 Ft
& 10 Ft. Cultipacker Seeders, JD 2 Row Tool Bar Corn-
planter 3-Pt.**INDUSTRIAL**TRACTOR/LOADER/BACKHOES: Case 480, 580, 580B, AC
715 C, Ford 3550, York Grader (Towable)DOZERS: JD 450C w/6 Way Blade, JD 450, AC 653 w/6 Way
Blade, ACH3, Case 450 Crawler w/4 & 1 Bkt, JD 450
Crawler Loader, JD 455E LoaderTAG-ALONG TRAILERS: 3 Axle, 9 Ton, General 9 Ton
TrailerLOADERS: AC 640, AC 615, Massey 2135, Komatsu D55S3
Crawler Loader, Excellent Bottom, JD 440A And 440B Log
Skidders, Pettibone B66 4WD Forklift, Ford Lane Paver
Model A-2, AC 600 Forklift, Waldon 5000 Diesel Payload-
er, 4WD, Articulated, AC 345 Payloader w/Log Fork And
Bucket

EXCAVATORS: Cat 225 Excavator

SKID STEERS: NH L775 Skid Steer Ldr, NH 325 Skid Steer
NH: L553 Skid Steer, JD 375 Skid Steer**PARTIAL LIST Of Miscellaneous
Equipment**FORAGE WAGONS: Int'l 110 Chuck Wagon w/Roof, Lamco 3
Beater w/Roof; Fargo Side Dump Trailer Model, M&W 400
Bushel Gravity Wagon.FEEDER WAGONS: Knoedler Feeder Wagon, Knoedler Dial-
A-Mix Wagon, E-Z Flow 220 w/Grain Wagon, Kilbros 250
Grain Wagon

TMR Mixer Wagon: Schwartz 800

York Heavy Duty Pull Type Road Rake, Stoltzfus 30' Truck
Mount Fertilizer Box And Lime Spreader, Case/IH 8610
Bale Processor, Hesston #10 Stack Hand And #10 Stack
Processor, Kalyn MD6 Tandem Dump Trailer, Westfield
8x51 Ft Grain Auger, Shaver 3 Pth Post Pounder, JD 302
Row Potato Digger, JD 2 Row Potato Planter, MC 3 PTH
Lawn Genie Pickup Mower, Jobber Rock Windrower, Ver-
meer Trencher, Unloading Auger For Gravity Box, A&W
250 HP Dynamometer, 3 Pth. PTO Wood Saw

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Hydra Ladder For Fruit Picking, Wisconsin Engine.

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TRACTORS

MF 285, 8 speed, good rubber, new paint
MF 165 diesel, 28" rubber, new paint
MF 135 gas
MF 35 gas w/power steering & loader

EQUIPMENT

Ford NH 520 manure spreader (new)
Int. 510 7x18 double disc drill
JD 325 3 pt. 3 bottom hyd. reset
JD F355H, 5 bottom, hyd. reset plow
8 tooth chisel plow
Oliver 565, 4 bottom semi-mount plow
MF 4 bottom, semi mount plow
MF 880 5 bottom spring reset plow
Brillion packers
Field cultivators different sizes & makes
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Sauders snow blade

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TRACTORS

Case 1680
White 2-105 without cab

HARVESTERS

NH 36 Flail Chopper
JD 3800 Harvester

SKID LOADERS

Bobcat 642B

SPREADERS

NH 513 Spreader
NH 520 Spreader
NI 354 w/Pan

LAWN & GARDEN

Ford YT 12.5
Simplicity 4211 Lawn Tractor w/Mower
Cub Cadet 108
Cub Cadet 1250
JD 111 w/bagger

BALERS & HAY TOOLS

NH 855 Round Baler
NH 275 Baler w/Thrower
NH 325 Baler w/Thrower
NH 1499 Haybine
NH 1495 Self-Propelled Haybine (L)
NH 411 Discbine (L)
JD 10 Side Mtd. Mower

TILLAGE

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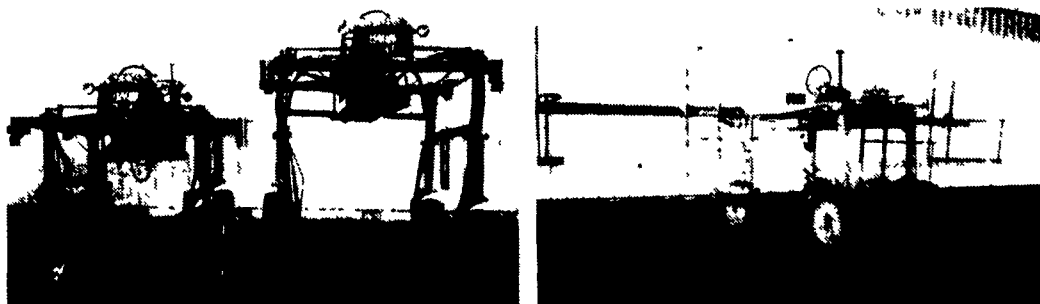


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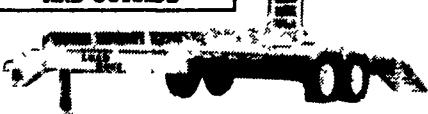


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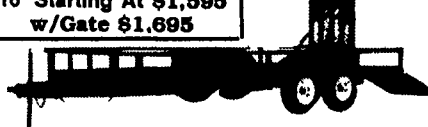
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UTILITY (TILT OR GATE MODEL) Sizes: 5'x8',
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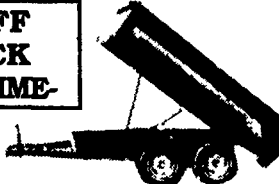
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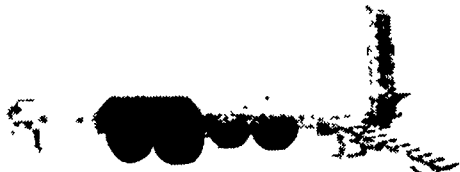
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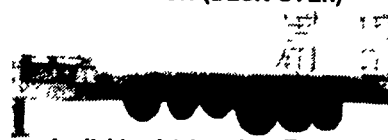
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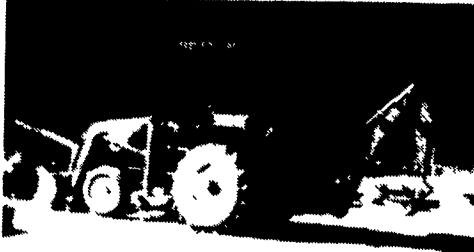
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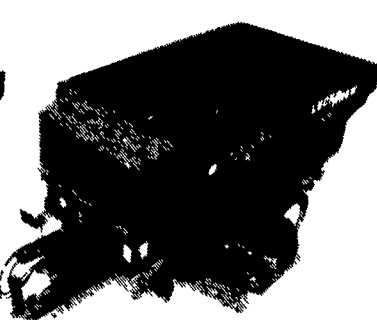
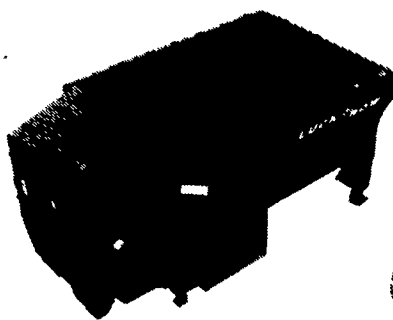
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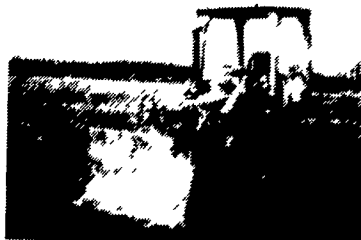
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NH 269 Baler w/Thrower
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 NH 1495 Self Propelled Haybine
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 JD LR24 Rake
 Badger Forage Box w/Tandem Axle
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 Vicon CM240 3 PT. Hitch Disc Mower, 7'8"-Demo!

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 JD 12 Ft. Transport Disk
 IH 209 2-Bot., 3 Pt. Hitch, 14" Plow, Like New!
 Brillion 12 Ft. Single Packer, No Transport

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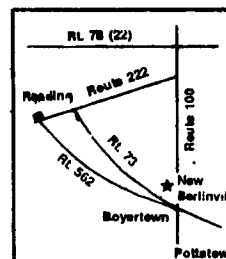
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Til
June 1, 1993

OR

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Farmall 300 40 H.P. Gas.....	\$ 2,250
JD 2010 45-H.P. Gas w/NI Loader.....	\$ 3,550
JD 4250 120-H.P. Cab, P/S, Duals.....	\$39,500
AC 7060 160-H.P. w/Cab.....	\$ 8,500
JD 4640 160-H.P. Cab, Quad, Duals.....	\$28,000
Steiger ST 251 225-H.P. 4 Whl. Drive w/Duals.....	\$21,500

**HAY AND
FORAGE
EQUIPMENT**0% Interest
Til
May 1, 1993

JD 660 Rake.....	\$ 1,800
JD 1380 12-Ft. Mower-Conditioner.....	\$ 1,500
JD 1219 9-Ft. Mower-Conditioner.....	\$ 4,150
JD 1460 9-Ft. Mower-Conditioner.....	\$11,900
IHC 430 Baler w/Ejector.....	\$ 1,650
NH 320 Baler w/Bale Chute.....	\$ 3,800
JD 336 Baler w/JD 30 Ejector.....	\$ 4,550
JD 336 Baler w/JD 30 Ejector.....	\$ 6,250
JD 435 Round Baler.....	\$12,500
JD 35 Forage Harvester....	\$ 1,850
IHC 830 Forage Harvester w/2R30 Corn Head.....	\$ 4,150
JD 3960 Harvester, Elec. Controls, w/2R30 Corn Head.....	\$10,500
JD 716 Forage Box w/JD 1275 Wagon.....	\$ 5,500

**PLANTING
EQUIPMENT**0% Interest
Til
April 1, 1993

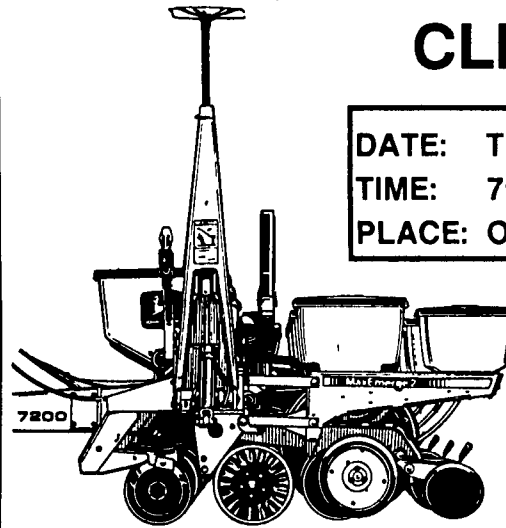
JD 7000 4R30 Cons. Corn Planter.....	\$ 5,350
JD 7000 4R30 Cons. Corn Planter.....	\$ 6,250
JD 7000 6R30 Cons. Corn Planter.....	\$ 7,750
Lilliston 18x7 No-Til Drill.....	\$ 6,850
Great Plains 15-Ft. No-Til Drill.....	\$10,900

TILLAGE

JD F125 4B16 Plow.....	\$ 395
JD RG40 4-Row Cult.....	\$ 475
JD BW 12-Ft. Disk Harrow.....	\$ 650
JD 10-Ft. Roller Harrow.....	\$ 825
JD 350 5B16 Plow.....	\$ 1,400
IHC 710 5B16 Plow.....	\$ 2,100
JD 2500 5B18 Plow.....	\$ 3,850
JD 315 14-Ft. Disk Harrow	\$ 3,950

**MISC.
EQUIPMENT**

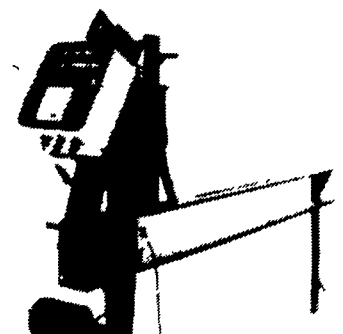
Howse 7-Ft. Rotary Cutter.....	\$ 750
NI 245 10-Ton Manure Spreader.....	\$ 2,250

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0% Interest Til Sept. 1, 1993

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JD 4420 Diesel, Cab, Variable Speed, AHHC, Spreader.....	\$20,500
Gleaner L2 Hydro w/15-Ft. Flex, 6R30 Corn Head.....	\$29,500
JD 7720 Diesel, Hydro, AHHC.....	\$29,500
JD 7720 Diesel, Hydro, AHHC, Grain Loss Monitor.....	\$30,500
JD 6620 Side Hill, Hydro.....	\$30,500
JD 6620 Hydro, AHHC, Monitor.....	\$35,000
JD 8820 Hydro, AHHC, Monitor.....	\$67,000

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4604	NH 1003 Bale Wagon - 83 Bale Capacity	\$9,850
5093	NH 565 Baler w/72 Thrower.....	\$10,800
6228	NH 144 Windrow Inverter.....	\$3,195
5068	NH 790W Windrow Attachment.....	\$2,450
4757	NH B124 Backhoe Attachment, Fits L555 & L785 Series	\$5,395

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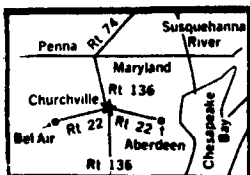
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7843	MF 275 w/Loader.....	\$7,900
7999	MF 165, Gas - SHARP!.....	\$5,900

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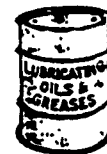
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- 2 - ST3 Lister 30 HP
- 1 - TS3 Lister 30 HP
- 1 - TR3 Lister 37 HP
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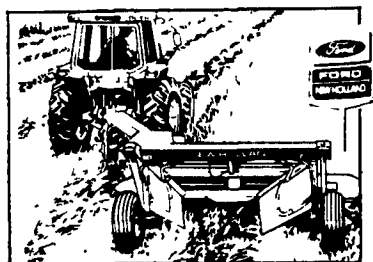
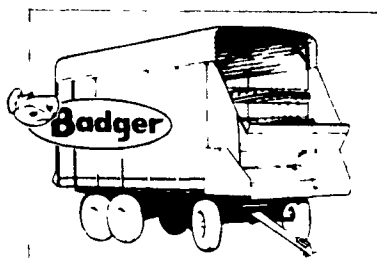
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Garden

Come see the newest generation of quality
tractors and more at...
John Deere Day 1993



GENERATIONS
OF QUALITY
JOHN DEERE DAY 1993

Date: Monday, January 11th
Time: 10:00 a.m. to 8:00 p.m.

FRIENDS!
FILMS!
FOOD!
FUN!

10% Discount on cash parts sales!

January 11th thru January 16th

15% Discount on disk blades to fit all brands
(When sold as complete sets)

This will be the last week of our truckload oil promotion!!
Last chance to save on your oil needs for spring.

Coming Service Event

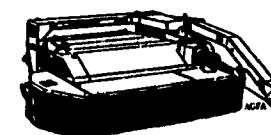
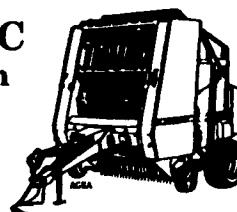
HAY TOOL CLINIC

Tuesday, January 12th

7:00 p.m. to 9:00 p.m.

Refreshments

ON THIS EQUIPMENT



Smith's Implements, Inc.

12258 Buchanan Trail West, Mercersburg, PA
Phone (717) 328-2244 & 2226

USED TRACTORS

AC-200 Tractors
AC XT190 Series III
AC 7040 Power Shift
AC 7050 Tractor
AC 180 (Good Cond.)
AC 190XT (Good Cond.)
JD 50
Oliver 66, Good Cond.
20' Used International Disc,
Good Cond.

**SPECIAL
PRICE**

6240 Deutz Allis
4WD, 400 Hrs.

New & Used
Woods Mower

GLENER COMBINES

M Combine
G Combine w/Corn & Grain Head
F w/Corn & Grain Head

NH 880 Forage Harvester
2/2-30" Corn Heads

Miller Forage Boxes,
16 Ft. — In Stock

NEW & USED BOBCAT'S IN STOCK**USED EQUIPMENT**

Used NH, Gehl, Bobcat Skid Loader 444 AC Baler

FINANCING & LEASING AVAILABLE
SHIP PARTS DAILY UPS

GRUMELLI'S FARM SERVICE INC.

929 ROBERT FULTON HWY.
QUARRYVILLE, PA. 17566

717-786-7318

1.5 Mile South Of Quarryville On 222



See Salesmen: Tony Grumelli, Clarence Herr, Don Fichtner

MILLER EQUIPMENT CO.

RD 1, Bechtelsville, PA 215-845-2911

WHITE

NEW IDEA

WHITE-

AGCO White 6085
tractor, 2-WD w/cab
Workhorse 125 Tractor
w/Cab
6 Row, 6100 Planter,
Liq. Fert.

GEHL-

HT 242 Tedder
FB 1560 Blower
FB 1580 Blower
MC 2170 Mower Cond.
MS 312 Spreader
MS 322 Spreader
RR 262 Rotary Rake
DC 2340 Disc Mower

BRILLION-

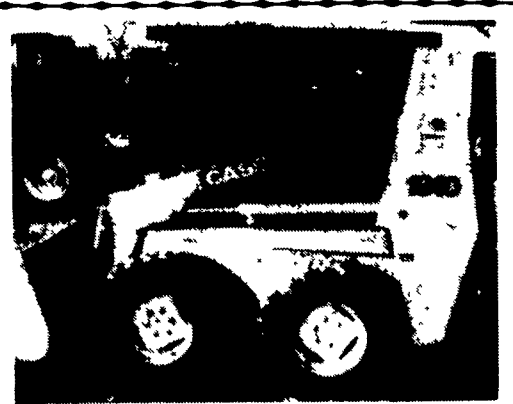
Deep-Til Implement
12 Ft. Pulverizer
9 Ft. Chisel Plow
MDS 1481 Pulvumulcher

NEW IDEA-

3632 Spreader
5109 Mower Cond.
484 Round Baler

USED EQUIPMENT

Gehl 4300 Gas Skid Loader
Gehl 4510 Gas Skid Loader
Gehl 1200 For. Harvester, 2-Row Hd. & Hay Pickup
Bobcat 643 Diesel Skid Loader
White 5100 4-Row Planter, Dry Fert.
Grimm Tedder, Ground-Driven

**Case 1840 Skidsteer**

1989 Diesel, 915 Hours, 63" Utility
Bucket, Stock #4124
Was \$10,900

SALE \$9,900

HOOBER EQUIPMENT, INC.

302-378-9555

800-341-4028

GUNTHER HEUSSMAN INC.

4801 S. 5TH ST., EMMAUS, PA 18049

215-965-5203

QUALITY TRACTORS

JD 4050 Diesel, Cab, Air, 15 Speed Power Shift, 2600 Hrs., 1 Owner, Excel. Condition
JD 3150 MFWD, Cab, Air, 900 Hrs., Dual Hydraulics, 18x38, Excellent
JD 4840 Cab, Air, Power Shift, 18x42 Duals Weights, Very Nice
1977 JD 4630 Diesel, Cab, Air, Quad Range, 20x38 Radial, Very Nice
1988 JD 4250 Cab, Air, Quad, 2100 Hrs., 20.8x38 Radials
1979 JD 4640 Dsl. Cab, Air, Quad Range, 20x38 Radials, Front Weights, Very Good
JD 4440 Diesel, Cab, Air, Quad Range, Very Nice Condition
JD 4440 Diesel, Cab, Air, Power Shift, New Tires, Very Good
'81 JD 4240 Cab, Air, Quad, 18x38 Tires, Very Good Cond.
JD 4320 Diesel, Factory Cab, Very Good
JD 4020 Diesel, Side Console, WF, Syncro, Local Trade
JD 2955 Diesel, Cab, Air, Low Hrs., Excel. Condition
JD 2950 Dsl. Fender, HI Lo, 18x38 Rubber, Very Good Condition
JD 2355 Diesel Fender w/Roll Guard, 2600 Hrs., Excel. Condition
JD 2150 Diesel, 2000 Hrs., 1 Owner, Very Nice
IH 1086 Diesel, Cab, Air, Very Nice
IH 986 Dsl., Cab, Air, Dual Hyd. & PTO, 18x38 Tires, Very Clean
IH 686 Dsl., 3 Pt. Dual Hydraulics, 16x38 Rubber, WF, Very Nice
IH 966 Diesel, Cab, Air, Black Stripe, Triple Hyd., 1838 Excellent Condition
IH 966 Diesel, Fender, 18x38 Tires, Very Good
IH 666 Gas, 3 Pt. Dual, Hydraulic, WF, Very Good
AC 7020 Diesel Cab, Air, Power Director 3000 Hrs., Very Nice
MF 135 Tractor, Exceptional
Ford 2000 w/Power Steering, Very Nice
Ford 3000 Gas w/Loader, Good Condition

PLOWS

IH 735 6 Bottom Variable Spring Reset
IH 730 4 Base Spring Reset, Variable Width
IH 720 6 Or 7x18 Spring Reset On-Land Hitch
IH 710 6x18 Spring Reset, Onland Hitch
IH 720 4 Or 5x20 Spring Reset
IH 720 5 Or 6x20 Spring Reset
IH 720 5 Or 6x18 Toggle Trip
IH 720 5x18 Spring Reset
IH 720 4x16 Spring Reset
IH 720 4x18 Spring Reset
IH 710 5x18 Spring Reset
JD 2800 6 Bottom, Variable Spring Reset
JD 1450 4x18 Trip
Extendable Bottom For JD 2500 Spring Reset Plow

Delivery & Financing
Available

6500 Bale Wire
In Stock

QUALITY COMBINES

(Displayed Inside Building)

1982 IH 1420 Cab, Air, Hydrostatic, 1000 Hrs., 1 Owner, Like New
1984 JD 6620 Diesel, Cab, Air, 1100 Hrs., Fully Equipped, Excellent
1984 JD 6620 Diesel, Cab, Air, Hydro, 2000 Hrs., Very Good
JD 4420 Diesel, Cab, Air, 1600 Hrs., Fully Equipped, Very Nice
1975 JD 3300 Gas, 1200 Hrs., Rotary Screen, Very Good
IH 205 w/Cab, 10' Grain Platform, Pickup Reel, Good, 1 Owner Combine
1978 Gleaner F2, Cab, 700 Hrs. 13' Flex Head, Very Nice
Gleaner E w/10' Grain Platform, Very Good
JD 915 Flex Head
JD 213, 215 & 216 Flex Head, Good Selection
JD 213 & 215 Rigid Heads
JD 15' Quik-Tach Grain Platform, Floating Cutter Bar

PLANTING EQUIPMENT

JD 7000 4R Cons., Dry Fertilizer, Insecticide Monitor, No-Till Coulters
JD 7000 4R Dry Fertilizer, Insecticide, Monitor, Excel. Condition
JD 750 No-Till Drill, Grass Seed w/Dollie Wheels 15', Very Good
NI Kinze 9000, 6R Double Framed, Dry Fertilizer, Insecticide, Frame Mounted Coulters, Monitor, Excel. Cond.
JD 8350 24x6 DD, Grass & Fertilizer Attachment

NEW ARRIVALS

1980 JD 7720 Diesel, Cab, Air, Hydro, Chopper, 2200 Hrs.
IH 720 4x20 Spring Reset
NH 824 2R Corn Head, Excel. Condition
JD 327 Baler w/30 Ejector, Very Good
JD 27 Stalk ~~3000~~ Loader, 2 Yrs. Old, Like New

CORN HEADS

JD 244 2RW JD 643 Oil Bath
JD 343, 3RN AC 238 Corn Head
JD 443, 4RN AC 430 Black 4RN For F2
JD 444, 4RW AC A438 Black, 4RW For F2
JD 444 Oil Bath IH 843 4RN

JANUARY SPECIALS

JD 346T w/30 Ejector\$3,250
NH 782 Harvester w/PU.....\$2,850
JD 215 Flexhead\$2,200
JD 444 Corn Head\$1,250
AC 238 Corn Head.....\$350
JD 12' Roller Harrow\$850
IH 460 ~~3000~~\$850
JD 4320 WF\$6,200
Brady Stalk ~~3000~~ shredder\$1,200

HAY EQUIPMENT

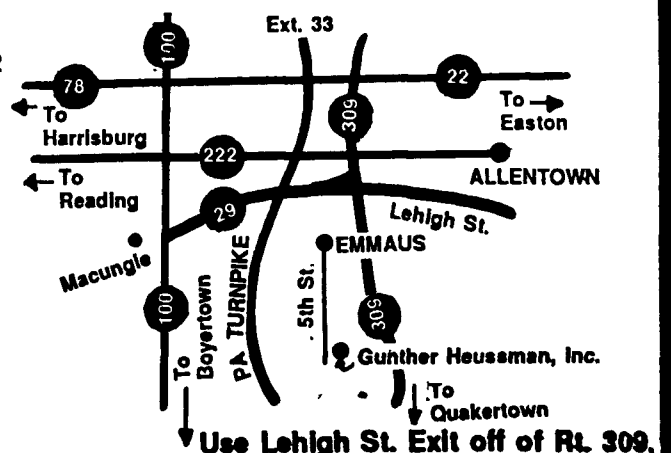
JD 430 Round Baler
JD 346T w/30 Ejector
JD 347 Baler w/Ejector, Very Nice
JD 347 Wire Baler w/40 Ejector, Very Nice
Ford NH 311 Baler, Used Very Little
NH 846 RB, Very Good
NH 847 Round Baler, Very Good
NH 851 Round Baler, Good
NH 853 Round Baler w/Bale Command, Very Good
NH 855 Round Baler, Memory Wrap, Very Nice
Ford NH 489 Haybine, Excellent Condition
NH 488 Haybine, Very Good
NH 489 Haybine, New Rolls
NH 38 Flail Chopper, Very Nice
New Farmco 18' Steel Side Hay Wagons
Deutz Fahr 6 Star Hay Tedder
NH 256 Rake
NH 258 Rake w/Dolly Wheel
NH 1002 Bale Wagon, 56 Bale Capacity

TILLAGE

JD 230 19' Hyd. Fold Disc, Very Good
Miller 12' Offset Disc, 3 Bar, Excel. Cond.
JD 1710 Mulch Tiller, 9 Shank w/New Blades
IH 490 20' Hyd. Fold Disc, 22" Blades
Brillion 15' Cultimulcher, Inboard Wheels
JD 12' Roller Harrow
JD 950 10 & 15 Ft. Roller Harrows

**MISCELLANEOUS
EQUIPMENT**

NI 325 2RN, 12 Roll Bed, Very Good
Brady 4R Stalk Shredder
18x38-18x34-16x28 Duals
JD 37 Loader w/Hydraulic Bucket
JD 4 & 6 Row 3 Pt. Cultivators
Lely 3 Pt. Fertilizer Spreader, Excel. Condition
NI 12' Fertilizer Spreader, Good Condition
Mel-Cam Rock Picker, Like New
IH 2350 Quik-Tach Loader
Year Around Cab To Fit IH 706 Thru 1256
JD 260 Loader
Artsway ~~3000~~ 400 Grinder Mixer



WE ARE CASH BUYERS FOR CLEAN, LATE MODEL FARM EQUIPMENT

1 FARM EQUIPMENT

JD CRAWLER/LOADERS

1 JD 455 G Crawler Loader,
GP Bucket, 1962 Hrs.,
Sharp, \$24,000

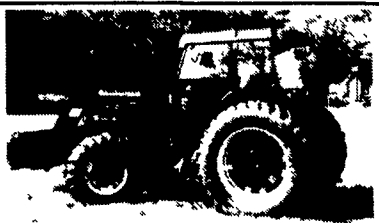
JD 555 Crawler Loader, GP
Bucket, Fair, \$9,500

JD 655 Crawler Loader, 4-1
Bucket, Fair \$14,500
(717) 524-7655

Best Buys in Used Equipment

YEAR END SPECIALS

Prices reduced for December buyers
on this inventory of New, used &
demo. machinery.



5130 Maxxum '91 Model 86
H.P. MFD w/loader a used tractor
with a new tractor warranty!!!
3.9% Financing

TRACTORS/BACKHOES

JD 3010, diesel, NFE, clean \$ 4,900
JD 4430, Canopy, power shift \$13,500
IH 544 hydro, gas w/loader \$ 6,495
IH 504 diesel, NFE, 3 pt \$ 4,795
Farmall A w/attachments \$ 2,295
IH 784, diesel, TA, WFE \$ 9,500
IH 1086, Cab, 2WD, rebuilt TA \$15,900
Case 2290, Cab, power shift \$ 9,900
Case IH 1120, 18 H P 4 WD, New \$10,495
Case IH 495, 4 WD, 42 H P New \$16,400
Case IH 695, 2WD, 62 H P
demonstrator \$19,595
Case 580K, loader backhoe, cab, 1500
hours \$22,500
Magnum 7110, 130 H P 2WD, 950 hours
3.9% financing

TILLAGE TOOLS

Case IH 14 Subsoil, 5 Shank, (demo) \$ 5,350
Case IH 4500 Vibra Shank, 13', (new) \$ 2,650
Case IH 183, 6 Row Cultivator, (new) \$ 2,495
MF 52, transport disk, 12' \$ 695
Brillion 9 tooth chisel plow, hi clearance \$ 1,195

HAY, FORAGE & HARVESTING

New Idea 323 corn picker, 1 row \$ 2,300
NI 325, 2 RN, Picker \$ 4,800
NI 279, 9' cutditcher \$ 1,495
New Holland #8 forage box, roof,
3 beater \$ 2,595
New Holland 488 haybine \$ 1,900
New Holland 479 haybine \$ 1,695
New Holland 489 Haybine \$ 2,195
NH 275 baler w/engine \$ 2,195
New Holland 25 forage blower \$ 595
New Holland 27 forage blower \$ 595
New Holland bale thrower, #58 \$ 250
John Deere 1327 disc mower conditioner
w/fails \$ 5,695
JD 47 loader, real good \$ 1,995
Case IH 8530 rectangular baler
w/thrasher \$ 8,250
Gehl 1560 Forage Blower \$ 2,650
Gehl 1465 round baler (many extras,
warranty) \$ 9,395
Gehl 99 forage blower \$ 600
New Idea 406, 5 bar hydraulic rake \$ 1,700
New Idea 5407 disc mower, 3 pt 7' cut \$ 3,300
New Idea 5209 disc mower conditioner,
demo unit \$ 9,900
Hesston 1014 mower conditioner,
10' cut \$ 795

MISCELLANEOUS

JD 8350 Grain Drill, 18x7 w/grass
seed \$ 2,695
IH 800 Corn Planter, 4 RN \$ 3,500
NI 9804, 4R Corn Planter, single frame
(new) \$12,000
NI 9906, 6R Corn Planter, double frame
(new) \$15,500
Ag Tech 665 loader for small diesel
tractor \$ 1,300
Bush Hog post hole digger 9"x48" \$ 575
Kidd, small bale chopper, 3 pt \$ 1,995
Dual wheels for IH 66 series, 18.4x34 \$ 550

MANURE SPREADERS

NI 213, 3 beater, 175 bu. \$ 795
NI 350, endgate, 150 bu \$ 2,300
NI 351B, endgate, 180 bu \$ 1,500
NI 362, endgate, 220 bu \$ 2,500
NI 3622, endgate, 220 bu (New) \$ 4,950
Gehl 175, endgate, 175 bu (New) \$ 4,295

A.L. HERR & BRO.

Park Ave., Quarryville, PA 17566
(717) 786-3521
We Ship Parts U.P.S.

case

**SUPER C
FARMALL**
fast hitch, fenders
& pulley
\$1,975
717-949-3074

Over 50 Used Wide Front Ends
Maybe We Have One For You!

ED GOODRICH JR.
Newark Valley, NY
607-642-3293

All Combines Sold—
Free Parts For One Season
If In Our Parts Lot.

Combines
Cultivators
Discs
Drill

Harvesters
Haybines
Mowers
Pickers

Planters
Plows
Spreader
Tractors

Dismantling For Parts:

Combines for Salvage

IH 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74 JD 7720 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40, MF 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC Gleaner, F, F2, L, M, M2, K, G, E, C C2, A, 60, 66 Oliver 7600, 545, 535, 525, 430, 40, 35, 33 NI Uni, 710 Combine, NI 717, Huskers, 705, 702, 701, Combine shellers & harvesters Case 1160, 960, 700, 660, 600 NH 1400, 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers, JD 7720, Motors, transmissions, tires corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle

Parts For IH 1440, 1460 Rotaries & 717 Combine

NI 802 w/Harvester

JD 6600 & 6620 Side Hills

Financing or Lease Available

COMING IN

1981 AC, N5 Rotary
Combine w/6R 30"
Corn, 15' Flex
1978 JD 6600 Side Hill,
hyd. diesel, 2800 hrs.,
w/6R 30" corn & 215
flexhead, real nice
local combine
JD 7720 hydro diesel,
1800 hrs., w/6R 30"
low tin, 4R 38" high
tin, JD 216 grain head,
right out of corn
NH TR 85, hydro, Cat
diesel, choice of heads

COMBINES

IH 315 w/Grain, 3R 30", 2R 38",
out of field
NH TR70 Cat diesel, hydro,
choice of grain 4R or 6R 30"
NI 717 combine & grain head
AC F2 diesel turbo, hydro, roll up
auger w/heads
AC F2 diesel, gear drive, choice
of heads
JD 4420 diesel, big rubber,
choice of corn & grain
heads, nice
JD 6620 diesel/hydro \$15,000
1978 JD 7700 hydro turbo diesel,
choice of heads
AC A2 w/grain & 2R & 3R 30"
AC E w/grain & 2R or 3R 30"
AC M2 w/grain & choice of 6R or
4R corn
Oliver White 7600, gas, hydro, w/
grain 4R 30", 6R 30" corn
NI 702 uni, gas, cab w/710 com-
bine, husker & 2R head
JD 7700 dsl gear drive w/heads
JD 6620 hydro, diesel, level land
1979 JD 4400 3000 hrs., nice
JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of
heads
JD 105D w/6R 30" corn & grain &
4R
JD 55 sq back w/grain head &
30" 3R corn
AC F-2 diesel w/heads
1976 AC F diesel w/4R corn &
grain
1976 AC F D w/choice of heads,
big rubber, nice
AC F diesel, new motor w/heads
1979 MF 550 hydro D
MF 550 diesel w/heads
MF 510 diesel w/grain saver 4R
30" corn & grain, \$3,875
MF 510 diesel, hydro w/heads
MF 760 diesel, turbo, hydro,
choice of heads
MF 35 SP w/8' grain & 2R corn
(2) IH 82 pull type auger feed,
nice
IH 93 w/10' head, nice
IH 205 w/cab, grain & 2R, nice,
3R 30"
Late IH 715 w/German diesel &
heads
IH 815 hydro diesel late low pro-
file w/6 or 4 row & grain
IH 715 hydro diesel w/grain &
corn
NH TR70 Ford diesel, choice of
heads
6R 30" CH or 4R 38" CH

LOADERS

EXTRA CORN HEADS & GRAIN HEADS

AC D15-D17
Case IH 2255 Mount-O-Matic, In
The Crate Never Mounted
IH 2000 loader
Snow blades for loader or front
mounted
IH fits Super M
IH w/2 hydr buckets off MF 65
JD dozer blade like new fits 4020
to 4840 & other tractors
JD 45 for 2 cyl tractor, real nice
JD 45 loader
NI w/hyd bucket
MF 65 ldr

35 DISCS & ROLLER HARROWS

Kewanee 18' wing rock flex
JD 230 Rock flex, 22' double
hyd fold
White 18' wing disc
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) JD 360 14' offset
Bush Hog 12' offset
JD RBW 12' plowing disc
JD 220 18' center fold
(2) IH 500 13' & 14'
(2) JD 210 13' disc
Birch 24' double fold disc
White 18' wing disc
Lots of other makes & models
JD 230 22' Hydraulic Fold, New
Paint, New Blade

WIDE FRONT ENDS & DUAL WHEELS

WF Ends: IH: 460, 560, 708,
806, 856, 756, 1256, AC.
D19 Ford: 5000, MM.
G1000, Oliver: 88, 1800 JD
2510 thru 4020, 4020 WF. 2
sets of 1834 duals

MOWERS/ ROTARY MOWERS

AC trailer type belt drive
(2) JD 6' pull type
JD 7' trailer, offset wheels
3 pt. 6, 7 & 8'
JD 10' 1408, 3 pt
JD 15' #737 rotary mower
Also pull types
Rotary mower
Ford 7' 3PT
IH 3PT belt drive
IH 14' #60 flail stalk chopper
NEW 11' rotary mowers HD up to
125 HP

SPREADERS

NH Tank Spreader
NI Tandem
NI Single Beater
Martin auger front spread tan-
dem wheels tractors
NI 213 Single Beater
NH 667 tank r hand throw
NH tank spreader, r hand,
cheap

BALERS

MF 1560 Belt Round Baler,
\$4,500
NH 851 Round Baler
NH 851 Auto Wrap Round Baler
Gehl 1500 Belt Round Baler
IH 241 Belt Round Baler
IH 241 belt round baler
JD 24T, w/Chute, Nice
JD 346 wire tie w/chute
NH 852 round baler auto wrap
NH 68 w/Chute, \$450

GOOD RUNNING MOTORS

Tractors JD 4440, 4240, 4320,
4020, 4010, 2840, 2510,
2010, 2020, 1010 IH 1066,
966, 856, 806, 756, 706,
656, 560, 460, 400, 450,
584, 574, 664, 544, 504,
340, 300, C, H, M, AC D15,
D17, D19, WD, WC, XT
190, 210, 220, CA, C Case
530, 300 Ford 8N, NAA,
800, 871, 3000, 4000, 5000
Combines JD 7720, 7700,
6620, 6600, 4420, 4400,
3300 IH 1460, 1440, 915,
815, 715, 615, 315, 205,
203 AC L, M2, F, C2, G, E
MF 760, 750, 510, 410,
300 NI V6 gas & diesel

(2) IH 6 cyl gas w/clutch
Chrysler Ind 8 cyl w/clutch
6 cyl Hercules w/clutch

35 DISCS & ROLLER HARROWS

Kewanee 18' wing rock flex
JD 230 Rock flex, 22' double
hyd fold
White 18' wing disc
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) JD 360 14' offset
Bush Hog 12' offset
JD RBW 12' plowing disc
JD 220 18' center fold
(2) IH 500 13' & 14'
(2) JD 210 13' disc
Birch 24' double fold disc
White 18' wing disc
Lots of other makes & models
JD 230 22' Hydraulic Fold, New
Paint, New Blade

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WF Ends: IH: 460, 560, 708,
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D19 Ford: 5000, MM.
G1000, Oliver: 88, 1800 JD
2510 thru 4020, 4020 WF. 2
sets of 1834 duals

MISC.

NI 36' bale & grain elevator
(3) IH semi & trailer belt drive
IH fast hitch mower
JD elevator w/drag elevator
(2) 24' elevators
New Case backhoe loader
bucket
IH & JD mowers
20' grain or feed elevator, \$250

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

HARVESTERS & UNLOADING WAGONS

IH #8 Flail Chopper, Nice Shape
(2) bin corn wagons, \$600, \$800
Fox 2300 & 2R cord belt type
IH 781 w/2R & pickup
Gehl 300 w/1R & pickup
NH 717 2R 30" cornhead #742
Badger 3 beater tandem wheels,
unloading wagon w/roof
Gehl 3R harvester head, \$750
Gehl CB800 w/2R 30" corn
IH 720 w/2R corn & pickup
Papeac w/2R corn & 2R snapper
IH #8 Flail Chopper
IH 720 w/2R 30" or 38" Corn
Head
JD 15A 5'
JD 16A Flail Chopper
Gehl 600 w/1R
NH 890 & 880 P/U & corn head
NH 38 6' flail chopper
NH 2R 30" corn head, \$500
JD 38 all elec controls
JD 38, 2R, & pickup, \$1,500
JD direct cut for 38 - 3800 - 35
JD 2R for 38 - 3800 - 35
JD 16A flailchopper
IH direct cut for 50 - 555 - 550
- 650 -
Coby 3 beater unloading wagon
w/roof
Badger 3 beater, roof unloading
wagon
JD 216 tandem wheel unloading
wagon

GRINDER/MIXER

NH 354 w/extended auger, nice
\$3850
NH 352 \$1850
NH 358 long extension auger
IH 1150 \$1875

60 PLOWS

DM 3 pt, 12T chisel plow
IH 700 4 bottom, 16" trip, nice
2 & 3 bottom 3 pt plows
JD 3 pt 4 bottom 18" or 3 bottom
18" roll over
(3) JD 1450 5 bottom 16"
(2) JD 1450 5 bottom 18"
JD 1450 6 bottom 16"
(2) IH 540 4 bottom 16"
(2) IH 550 5 bottom 16"
(2) IH 720 6 bottom 18" spring
reset
(2) IH 710 5 bottom 16" spring
reset
(2) JD 2500 5 bottom 18" spring
reset
JD 2500 6 bottom 18" spring
reset
JD 2700 8 bottom 18" toggle trip
IH 720 6 bottom 18" toggle trip
(2) IH 4 bottom 16" trip
(2) JD 4 bottom 16" trip
Lots of other makes & models

CORN PICKERS

NI 324 2R 38", 12 roll bed, nice
NI 323 1R \$1,225
NI 323 1R \$1,450
NI #10, nice
NI 323 1R w/rubber rolls \$1500
NI #311 2R 38" Pull Type
Woods 1R pull type
NI #7 1R Pull Type
NI 702, w/husker, 2R head
(2) NI 12 roll beds for 324, 325
pickers
NI 310 1R
JD 300 w/2R, 30"
(2) NI 324 2R, 38"
NI 325 2R, 30"
Farmall 460 gas w/H mt., 2R

CULTIVATORS

6 or 8 row hyd. fold
4 & 6 row
JD 3020 4R front mount

Tractors for Salvage

IH TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, B275, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12 JD: M, 4230, 4020 dsl, 4010, 3020 dsl, 3010, 2020 dsl, 2010, 730D, 720, 430, 420, 70, 60, 50, A, B AC: 5050, AC 200, 190XT, AC 170, 180, AC 185, D14, D15, D17, D19, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20 Case: 600, 530, 440, 310, 300, DC, SC, VC, VAC Ford 6000, 5000, 4500, 4100, 4000D, 3400 ind, 960, 861, 860, 800, 800, 641, 600, 8N, 9N Ford major, 5000 Oliver: OC3 Crawler, OC6, 1800, 1600, 880, 770, 550, 88, 77, 70, 66, 60, 55 MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000 R, Z, E3 Coop, David Brown 990 New Field & 345 Leyland, gas track crane w/poom for parts. AC HD 5 crawler ldr, 200 Sheppard diesel



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JD 4400 Gas, 13' Grain.

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IH 1420 4WD w/810 Grain, 943 Corn Head, 4R Sunflower Head.

MF 850 C.A., Charge Cooled, 4WD w/9118 Flex.

MF 850 C.A., Turbo, Hydro., w/17' Flex And 6R Cornhead.

MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.

MF 750, Gray Cab, Air, Turbo Hydro, Real Nice.

MF 760 C.A., Hydro w/2 Heads.

MF (76) 750 Cab, Air, Hydro

MF 750 C.A. Hydro w/Grain & 630 Corn.

MF 550 C.A., Hydro., 4WD.

1980 MF 550 C.A., Hydro.

MF 510 Dsl. w/2 Heads

IH 915, Turbo Hydro, 4WD, w/810 Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads;

IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.

IH 82 Pull Combine, Real Nice

NH. TR70 C.A. Hydro.

Gleaner N-5 w/15' Flex & 630 Corn (Needs Work)

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Gleaner F Gas w/13' & 430 Corn.

NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; NI. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 643 Oil Bath, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 And 653 Row Crop Head.

I.H. 983; 963; 863; 844; 833; 763; 744; 743; 327; 227.

Gleaner A638 Corn Head; ML 630; A.C. GL 440, C440, A438 Black, F2, M430, Gleaner C430 C.H., F335.

M.F. 1163, 1144, 1143, 63, 44, 43, 24.

NI. 738, 743, 744W, 730, 734, 725, 723, 762, 763; Ford 4-30; Case (404).

NH 974 N6; NH 974 W6; NH 962 N3 & 962 W4; NH 962 6RN; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.

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M.F. 10'-16' Reg. or Floating Bar; A.C. E10'.

NI 713 Flex Or Rigid; NI 715

S Flex.

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JD 4450, C.A.P.S., MFWD, Real Nice, JD 4450, C.A.P.S., MFWD, 1988 JD 4250 C.A.P.S.; (85) JD 4250 C.A.Q.R.; 1985 JD 4050, C.A.P.S., MFWD, Like New, JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 C.A.; JD 8640 C.A., 3 Pt., PTO w/Duals; JD 8440 C.A., 4WD; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., QR, Duals; JD 4640 C.A.Q.R., 18.4x42 Duals; JD 4640 C.A.Q.R.; 4640 C.A.P.S.; 1981 4440 C.A.P.S., 20.8x38 Radials, Real Nice; 1981 JD 4440 C.A.P.S.; JD 4440 C.A.Q.R.; 1982 JD 4240 C.A.Q.R., Real Nice; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R., Nice; JD 4240 C.A.Q.R.; JD 4240 C.A. w/Creeper Trans; JD 4040 C.A.P.S., Real Nice; JD 4040, C.A.Q.R., Nice; JD 4040 Fender, Power Shift; JD 2940 MFWD; JD 2940 CA; JD 2940 MFWD; JD 2840; JD 1982 2440 w/146 Loader; JD 2040; JD 8630 C.A., 4WD w/Duals; JD 6030 w/cab, 30.5x32 Tires, JD 6030 CA duals, real nice; JD 4630 C.A.Q.R.; JD 4630 C.A.P.S. (Rebuilt Power Shift); JD 4630 w/cab, PS, 4WD; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; JD (77) 4430 C.A.P.S., 4WD; JD 4430 C.A.Q.R., JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4230 CA, Syncra Range, Nice; JD 4230 C.A.Q.R.; JD 4230 C.A.Q.R., As Is; JD 4230 ROPS, QR; 4430 ROPS, Syncro Range; JD 4230 w/Cab, QR w/Slight Fire Damage; JD 4030 Quad Range w/Cab; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; JD 4630 18.4x34 Radials, Real Good; JD 4020 18.4x34 Radials w/158 Loader; 4020 S.C., W.F.E.; 4020 PS w/Cab; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; 4020 S.C., W.F.E.; JD 4020 Diff. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; JD 4020 Power Shift; 1972 JD 4000 w/Cab; JD 4000 D WFE; JD 4000D (As Is); JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle;

JD 3020 D, WFE; JD 3020D, WFE; JD 3020 (As Is); JD 3020 G.; JD 4010 WFE, Nice; JD 4010 D WFE (As Is); JD 4010 Tricycle, Gas, w/Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas, Tricycle; JD 3010 Tricycle, Gas; JD D 2510 Tricycle, Gas; JD 730D WF, 3 Pt., Original; JD 730D; JD 720 Gas w/3 Pt.; JD 520 w/PS; 1950 JD D.

IH 6588 2+2, Real Nice; IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 C.A., w/20 8-38 Duals; IH 5088, C.A., 2 PTO's, 3 Hyd; IH 5088 C.A.; IH 3588 2+2; C.A.; IH 3388 2+2; IH 4786 C.A. 4WD; IH 1586 C.A.; IH 1586 C.A. (Needs Trans. Work); IH 1486 C.A. Duals; IH 1486 CA; IH 1086 CA, 3 hyd, 20.8x38 duals; IH 986 ROPS; IH 186 Hydro ROPS; 886 w/R.G.; F786; F686 Original; Farmall 86 Hydro w/2250 Ldr.; IH 4166 4WD, w/3 Pt. And PTO; IH 4166 C.A., 4WD w/3 Pt., Nice; IH 1466, C.A., 18.4x38 Duals; IH 1066 Year Round Cab w/Air; IH 1066 w/Cab; F 1066 Fender, Original; IH 1066 (Needs TA); 1566 w/Cab; 1466 w/Cab; 1466,

MFWD, 20.8x42, Duals, Like New; Case IH 7130, 20.8x42 Duals, 680 Hours, Like New; Case IH 7120 MFWD, 20.8x42 Duals, 900 Hours, Like New; Case IH 7120 MFWD, Real Nice; Case IH 2294 C.A.P.S., MFWD; Case IH 2294 CAPS; Case 2294, C.A.P.S., MFWD; Case 2094 C.A.P.S.; Case 2094 PS, Fender; Case 4890 4WD Full Equipment; Case 2590, C.A.P.S., 20.8x42, Duals; Case 2290 C.A.P.S.; Case 2090 C.A.P.S.; Case 2290, C.A.P.S., Case 2090 C.A.P.S.; Case 1690 C.A., MFWD; Case 1390, Case 1370 C.A.P.S. (As Is), Case 970 CA; Case 970; Case 530 w/Power Steering And 3 Pt.

MF 3545, C.A., MFWD; MF 3545 C.A.; MF 2805 C.A., 24 Speed, w/Duals, MF 2705 C.A., 24SP; MF 2705, C.A., 8SP; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF 1800 C.A., 4WD w/3 Pt.; MF 1150 w/Cab; MF 1150 Fender w/Duals; MF 1135 Fender; MF 1100; MF 1085; MF 235; MF 175; MF 165D.

Ford 1988 TW35 Series II CA, MFWD w/Duals; Ford

1550 Gas; Haybuster No-Till Drill; Gehl 960 Box w/Roof; JD 4020 Side Console, PS; IH 1586 R.O.P.S.; JD 2840 ROPS, Like New; Lely Roterra; JD 920, 15' Cultimulcher, JD Stack Mover; JD 843 Oil Bath; Bush Hog SC900 Soil Finisher.

(New) NI 325 Corn Picker w/12 Roll Bed.

CORN PICKERS: (4) NI 325 w/12 Roll Husking Bed, Real Nice, (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers New Idea 325 Picker w/12 Roll Bed & Super Sheller, Real Nice, NI 325 w/12 Roll Bed, Good Cond., (4) (Used) 324 2RW w/12 Roll Huskers, NI 324 w/Sheller Shellers & Super Shellers, NI 323 Nice, NI 323, NI 323 Picker NI 330 3R Picker w/12 Roll Bed JD 300 Picker w/243 Corn Head, Real Nice Farmall M w/NI 319 Picker

New NI 329 Super Sheller List \$6700.00, Special \$3,550, NI 330 - 3 RN w/Supershellers, 325 2RN w/Gnnder

PICKER: NI 319 2 Row Mounted Picker w/12 Roll Bed NI 305 Mounted Picker w/12 Roll Bed

FORAGE EQUIP: Forage Harvesters w/Choice of Heads

JD 5720 C.A. 4WD w/3R & 7' Hay Pickup, Real Nice, JD 5460 4WD w/3R & Hay Pickup, JD 5200 4WD, JD 3970 w/Spout Trak & Row Trak w/3R & Hay Pickup, JD 3970 w/7' Pickup, JD 3960 w/3R & 7' Pickup, Like New, JD 3960 w/2 Heads, Full Equip, JD 3940, JD 3800 Chopper, Hay Pick-Up, JD 3960 w/3R Cornhead, JD 38 w/2RN & Hay P/U, JD 35 Chopper

NH 1895 C.A., 2WD w/Auger Base, Hay Pickup, 3RN & 3RW Corn-heads, NH 1890 4WD w/3 Row Auger Base & Hay P/U, NH 1600 w/Metal Alet w/3R & Pickup, NH 900 Tandem Axle w/Metal Alet II w/824 Corn Head & 900W Pick-up, NH 900 Chopper, Like New, NH 900 Chopper, NH 782, Nice, NH 782 Chopper, NH 718 w/Hay Pickup, IH 720 w/2R And Pickup, IH 781 Chopper w/2R & Hay Pickup, IH 830 Chopper w/2R & Hay Pickup, IH 830 w/3R Cornhead

NI 709 4WD Chopper w/3R & Hay Pickup, 717 Combine & 13' Grain

Gehl 600 w/2R & Hay Pickup, Gehl 600 w/2RN Gehl 400 w/2RN Hesston 7140 w/Hay Pickup

Field Queen Self-Prop Chopper w/Cab And 2 Heads

NI 709 Uni, 4WD, w/767 Chopper Fox Super D w/Cab 3R C.H. & PU Fox 3300 w/2RN & Hay Pickup

Gehl CB 1200 Chopper

Balzer 1014 Hydraulic Dump Station

FORAGE HEADS: NH 890A Auger Base w/890 N3 Corn Head, NH 824 Corn Head, NH 880 3RN Silage Head, NH 890 EN2 Snapper Head, NH 717-S Direct-Cut for 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C.H., NH 890 2R Snapper Head NH 890 Direct Cut Head, 1R & 2R Silage, NH 880W PU, NH 880 S Direct Cut, NH 974 4RN Corn Head w/Adapter Plate

JD 2 & 3R Snapper, 2 & 3 R Silage, JD 3RW Silage Head, Used 5 1/2' and 7' Hay Pickups, JD 443 w/Adapter Plate, JD 443 Low Profile Corn Head w/Adapter Plate For Harvester, JD 343 Cornhead w/Adapter Plate, JD 243 C.H. w/adapter plate, 3 JD C.H. harvester adapter plates, JD 6' Direct Cut Head

2RN for 650, NI 766 Hay PU, Gehl 2RN Corn Head, Gehl HA900 Hay Pickup

NI 768 WN 3R Corn Head NI 763 3R Corn Head

2 CSB 2RW - Snapper, 263 2 RW 109 Hay Pickup

BLOWERS: Gehl 1580, Farmhand Burr Mill Blower

FLAIL CHOPPERS: IH #8, JD 16A Flail Chopper, Brillion 6R Stalk Shredder, Gehl 7200 Flail Chopper, NI 4R Stalk Shredder, Brillion 6R **SOLD** shredder

SILAGE WAGONS: JD 716A Tandem w/Roof; JD 716 Tandem w/Roof, IH 130 Tandem Axle w/Roof, JD 216 Wagon w/Roof, NH 8 Wagon w/Roof

HAY EQ: BALERS IH 8540 Baler w/Thrower, Real Nice, Deutz Allis HD 490 Baler w/Thrower, Like New, JD 467 Wire, JD 347 Baler w/Thrower, JD 347 w/Thrower, JD 347 w/Thrower (As Is), JD 337 w/40 Ejector, JD 337 w/Thrower, JD 327 Baler w/Thrower, JD 327 Baler w/Thrower, JD 24T w/30 Ejector

Ford NH 326 Baler, 3 Yrs Old, NH 316 w/770 Thrower, Nice, NH 425 w/Tie Baler, NH 320 w/New 770 Thrower, NH 320 Baler w/70 Thrower, NH 316 w/775 Thrower, Real Nice; NH 315 w/70 Thrower, NH 315 w/Thrower, NH 775 Ejector

tor, Hesston 4600 In-Line Baler w/Thrower IH 435 w/715 Thrower, IH 425 w/715 Thrower

ROUND BALERS: JD 410, NH 849 w/Auto Wrap, NH 851 Rd, NH 847 Auto Wrap, Real Nice, NH 847 w/Auto Wrap, Like New, NH 847 Auto-Wrap, NH 846 Auto-Wrap, Gehl 1850 IH 2400, IH 241 NI 456

RAKES: NI 406 Hyd Drive w/Dolly Wheel, JD 660 Rake w/Dolly Wheel, NH 256, (New) PZ 420 Rake, Grimm 4 Star Tedder, Deutz Fahr 252 4-Star Tedder, Deutz Fahr KH 700 6 Star Tedder

Ford NH 144 Windrow inverter (Demo)

Pequea 466 Windrow Turner

Gehl 3 Pt Bale Mover

HAYBINES: Ford NH 1496 C A Hydro w/New Rolls, (1982) NH 1495 D C A Hydro 800 Hrs NH 1495 Gas w/Cab NH 1495 Gas Hay bine, NH 499 Hydro Swing 495 NH 489 Haybine, Nice, 489, NH 489, NH 479 NH 478, Nice 478 NH 477, NH 472 JD 1327 Discbine, Real Nice, JD 1219, Deutz Allis SM-70 Discbine IH 1490 12' Center Pole Hydraswing, Case IH 8340 Haybine, Used 1 Year

New MC 7E, NI 270 Cuditioner

BALE WAGONS: NH 1005 and 1010, NH 1012, NH 1030, NH 1033, NH 1002

PLANTERS: (2) JD 7200 6R Planters Full Equip., JD 7000 8 Row Plant erw/Dry Fert JD 7000 6R Cons., Dry Fert, JD 7000 6R Cons. Lq JD 7000 6R Corn Planter, Dry Fert, JD 7000 6R Planter, JD 7100 6R Planter, 3 Pt JD 5R Splitter w/No-Till JD 7000, 6RW Plate Planter, JD 7000 4RN, Fully Equipped, Real Nice, 7000-4R Dry & Liquid JD 7000 4R Plate Planter, IH 800 6R Planter, IH 800 4RN Lq Plate Planter IH 56 4R Planter, Hinkler 4R Econotill, No Till, w/Kinze Units

DRILLS: Lilliston 9690 10' No-Till Drill Real Nice, Lilliston 9690 10' No-Till, Lilliston 9670 8' No Till Tye 12' No-Till Drill JD 8300, 24x6, JD 8300 18x7 w/Grass Seed & Press Wheels, Real Nice, JD 8300 21x7 Single Disc Drill, JD 8300 Drill 21x7 DD, JD 8350 JD 1500 3 Pt. Power Drill, JD 9300 Tandem Drills, Tye 24x6 Drill, IH 5100 24x6 w/Grass Seed & Press Wheels, Real Nice, IH 5100 21x7 DD w/Press Wheels IH 5100 24x6 Single Disc w/Grass Seed Like New 510 24x6 Double Disc, (New) Brillion 10' Transport Seeder, Brillion 10' Transport Seeder, Brillion 10' Transport Seeder

GRINDERS/MIXERS: NH 357, NH 354, Bearcat Roller Mill, NH 396 Tandem Axle Tub Gnnder

TILLAGE EQ: IH 710 3X 18' Spring Reset, IH 710 3X Semi JD 845 4X Roll Over; JD 1250 4X, Real Nice, JD 1250 4X Plow, JD 2600 4X, JD 145 4X Plow, JD 1450 5x18 Plow, JD 2600 4X Trip Plow

IH 720 5X Reset New Taylorway Pittsburgh 5X 18' Spring Reset, White 549 5x18' Plow IH 700 6X Auto Reset IH 720 6x18 Plow IH 720 6X Reset Plow, IH 720 6x16 Spring Reset On Land JD 2700 6X Plow, JD 2800, 6X, On-Land, Case 400, 6x18 Spring Reset On Land, (2) JD 945, 5X Semi Roll-over, (2) JD 2800S, 7X JD 2800 7X On Land, IH 710 7X On Land JD 2800 7X On Land, JD 3600 8X Spring Reset On Land, JD 2800 8X Plow

CHISEL PLOWS: IH 55 9 Tooth Brillion 10', JD 1600-12 Brady 12' Chisel Plow, JD 1600 12 Pull Type, AC 1600 14 Pull Type AC 13' Chisel Plow, Bush Hog 10 w/Buster Bar

DISCS: Miller 11 Offset Disc, Miller 10' Offset Disc IH 770 10' Offset Disk, Like New, IH 770 20 Hyd Fold Offset Disc, JD 110, JD 110 14' JD 210 14' Disc, Real Nice, JD 230 13' Disc JD 1630 11', Oliver 242 14', JD 215 Disc, JD 215 Disc, JD 310-14' Kewanee 15' Rock Flex Disc, Real Nice, IH 500 15' Disc Miller 12 Offset Disc, White 15' Offset Disk, Krause 1587 17' Center Fold Rock Flex, IH 496 18' Hyd Fold w/New Blades, Dunham Lehr 34 20' Rock Flex Disc, JD 235 23 Fold Disc, JD 230 24' Hyd Fold Disc, JD 235, 25' Disc

MULCH TILLERS: Glenco 7 Tooth Stretch **SOLD** Soil Saver, Real Nice, JD 1710 11 Tooth Mulch Tiller, Glenco 9 Shank Soil Saver, Bush Hog 13' Soil Saver, Glenco 18' Fold Soil Saver, Glenco SS18 Fold Soil Saver

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MISC.

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AC 8070 C.A.P.S. w/Duals; AC 8

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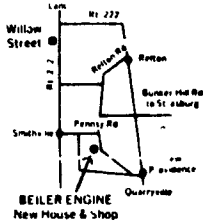
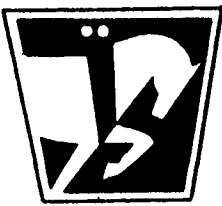
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NH L555 Skid Loader
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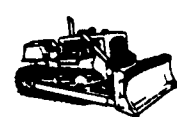
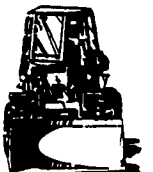
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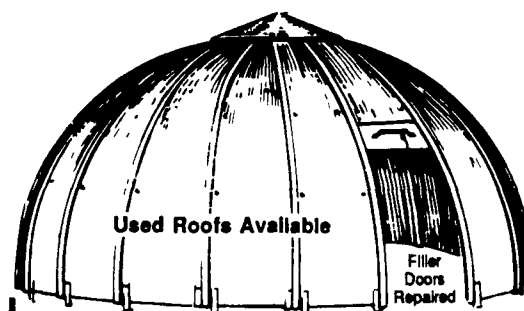
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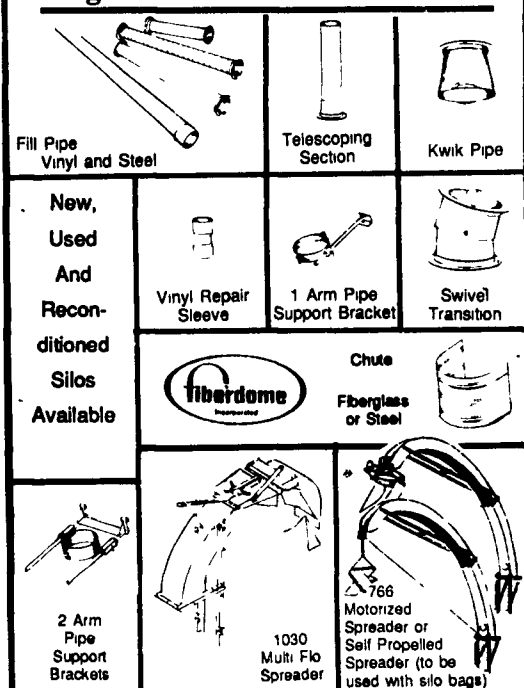
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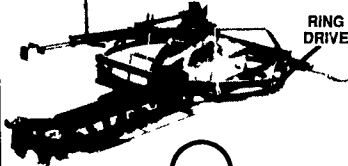
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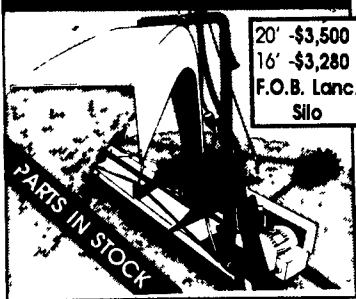
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**Lancaster BRAND FEEDING
SYSTEM EQUIPMENT**

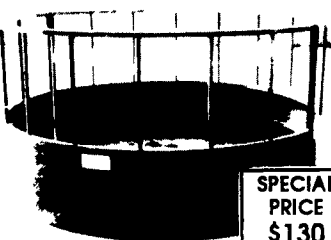
SPECIAL
80 Ft w/
14" Belt
\$2,060

- (3) Used 100 Ft Lancaster Belt Feeders
- 400 Ft Used Taper Board, Conveyor, Good Cond - Taken Out At US Naval Academy
- Herman Coal or Wood Stove, w/Glass Door \$100
- Essic Mud Pump w/2" Concrete Hose \$2,500
- NH 892 Harvester w/2RN Cornhead and grass head, good cond (or will sell separately) \$4,500
- (1) Used Heavy Duty Winches - Rebuilt \$200 Ea.
- 100 Ft Used Taper Board Conveyor @ \$13 ft.

24x70 w/unloader \$19,500	16x60 w/unloader \$16,500
20x70 w/unloader \$18,500	12x60 \$10,000

Reel Auggie

- 147 cu ft w/Scales \$6,100
- Models 2120, 2170 Also In Stock



**SPECIAL
PRICE
\$130**

Automatic

- For Lease - Sale - Rental
- (2) 1200 Ear Corn Mills All New Units \$10,000
- Model 400 - New \$2,600
- Model 200 - New \$2,200

- NH 70 Bale Thrower, good cond \$600
- Used 12 Ft Van Dale Unloader, Rebuilt \$1,500
- Tobacco Press w/Air Cylinder \$650
- (1) Automatic 200 Rollermill w/Motor \$750
- Farm Gates Made To Order
- Cow Saver Magnet \$125
- NH Pickup Head For 880 or 890 Harvester, Good \$600

Lancaster Silo Co., Inc.

2008 Horseshoe Rd. • Lancaster, PA • (717) 299-3721

QUALITY MIXER AT A QUANTITY PRICE**Reel Auggie
2000 Series Mixer
Blender/Feeders**

Just what makes the "Reel Auggie" better? You can finally mix and feed all of your ration ingredients including long stem dry hay and other tough roughages that previously could not be included in your mixed ration.

**MOBILE SUPER-MIX**

The exclusive model Rovibec mixer, with adjustable rotating beaters, provides a consistently uniform blend of all ingredients, from the first to the last ration.

VAN DALE

Dependability through Quality

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Weightronic Scales, Model 700E, Fits Any Brand Mixing Unit - 5 Year Warranty

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**TRAK
STARS****Feed-Trak™****High-Capacity Belt Feeder**

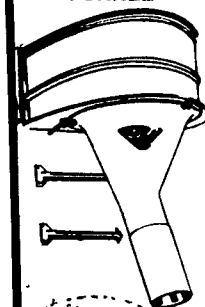
It's hard to imagine so much feeder at such a good price. Let your Starline Dealer show you why Feed-Trak is so efficient, dependable and quiet. New feeder features simple design, exclusive smooth-running track and trolley system and high capacity STARglider™ V Plow. This feeder is right on "trak"!



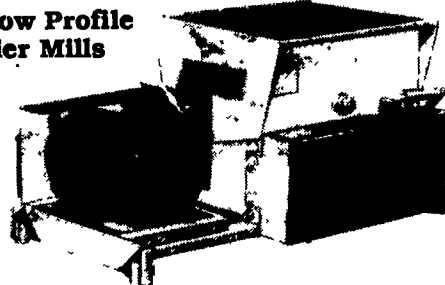
Built to last, priced to sell.

Cen-Trak™**Power Drive Unloader**

Meet Cen-Trak! The new and better concept in single-cable unloaders. Simple, dependable power drive design eliminates the problems of other high-torque, center-drive machines. You get economy and faster, high-capacity unloading with fewer trips up the silo. Only from Starline!

See This Equipment At Special Prices**At The Penna. Farm Show****In The Starline Booth****Lot #'s 143-145, 158-160****FIBERGLASS
FUNNEL**

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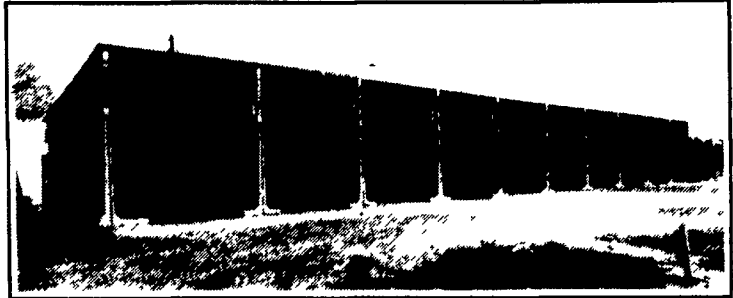
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3

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- Implement Sheds
- Poultry Litter Composting
- Others

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- Low Maintenance
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STAINLESS STEEL BARREL

MODEL

224-D
DOUBLE AUGER
UNLOADER FOR
SILOS UP TO
20 FT DIAMETER

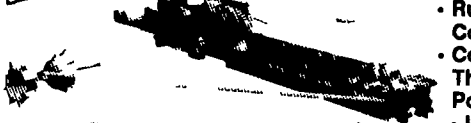
Silo-Matic

SPECIAL
PRICE-

\$3,500⁰⁰

F.O.B. Newville

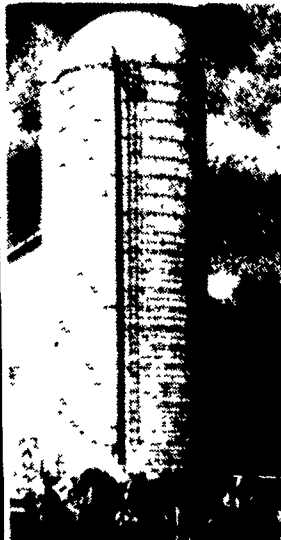
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Energy Efficient
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PLAN NOW FOR YOUR STORAGE NEEDS FOR 1993.

WE HAVE THE STRUCTURE YOU NEED FOR SILAGE STORAGE - HAY OR WILTED GRASS STORAGE - HIGH MOISTURE GRAIN STORAGE - LIQUID OR DRY MANURE STORAGE - OR ALMOST ANY MATERIAL NEEDING STORAGE.

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Big Jim® is the best replacement unloader for your steel silo.

It offers greater capacity, more reliability, lower maintenance costs and excellent-quality haylage. You



get wall-to-wall compaction during filling for even more silo capacity.

Unloaders for steel silos.

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LAPP'S BARN EQUIPMENT

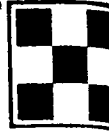
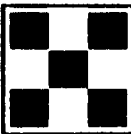
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New Ultimate EXT.TM The Breakthrough Diet That Helps Her Add Several Pounds A Day.

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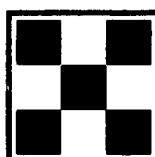
Our new dairy feed works that way: introducing Ultimate EXTTM from Purina® Ultimate EXT helps cows produce more milk: an

average of five more pounds a day in over 14,000 cows. By helping cows reduce body weight loss after calving, Ultimate EXT also improves body condition which can enhance breeding efficiency.

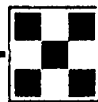
To put more weight on your bottom line, ask us about new Ultimate EXT. It turns good cows into great ones.

FIELD PRODUCTION RESPONSE

Number of Herds	211
Number of Cows	14,166
Beginning Production	64.4lb/day
Ending Production	69.6lb/day
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